Progress on the Implementation of GHS in APEC Economies APEC Chemical Dialogue Virtual Working Group on GHS September 2011

BACKGROUND

At the 7th Chemical Dialogue (CD) meeting in Peru in 2008, the report of the Virtual Working Group on GHS titled "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" was endorsed. This recognized the progress made and difficulties faced by APEC CD Members in their work to implement GHS across the region, and with our trading partners.

The Virtual Working Group subsequently developed the GHS Implementation Reporting Template to be used for regular reporting of GHS implementation progress. Input is expected from both the regulatory authorities and industry in each of the APEC economies. Information from these reports is to be used to identify issues surrounding GHS implementation for each chemical industry sector (industrial workplace, consumer, agricultural chemical and transport).

Nine APEC CD Economies provided responses in 2008/09 using the GHS Implementation Reporting Template. Information compiled from the first round of responses was provided to the Trade Ministers highlighting the continuing progress made by the APEC region in implementing GHS, and the difficulties surrounding some aspects of implementation including continued revision of GHS at the UN level, lack of uniformity in implementation of GHS and limited access to data for classification purposes.

Participating Economies noted the positive outcomes by completing the Template, indicating that certain details of GHS implementation that were not being considered were brought to the fore, and potential issues arising from GHS implementation that would not otherwise have been considered until post-implementation were able to be discussed.

At the 8th CD meeting in Singapore in 2009, CD Members provided comments for the improvement of the GHS Implementation Progress Reporting Template. These comments were incorporated in the 2010 GHS Implementation Progress Reporting Template. APEC CD Members were encouraged to complete the 2010 GHS Implementation Progress Reporting Template in the hope that the information will help to identify and prioritize future work for the APEC CD and the Virtual Working Group to aid GHS implementation in the region.

The work of the United Nations Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCEGHS) continues. At the December 2010 meeting of the UNSCEGHS, the Committee considered a range of issues not yet addressed by the GHS.¹ The just released 4th edition of the UN GHS is a reminder that GHS is still a moving target. The lack of consistent GHS requirements worldwide manifests itself in adoption of different versions of GHS, which is published every 2 years. Some countries now adopt GHS 2nd version, some are adopting 3rd version already. This inevitably causes confusion and adds extra

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¹ Issues yet to be addressed by the GHS, include new test method for chemical instability of gases, simple asphyxiants and labelling of small packages; refinement of existing classification and communication elements for gases under pressure and for supply and use of aerosols.

compliance costs to companies, especially those that supply chemicals to many countries. Trade partners need to work together to implement harmonized or compatible versions of GHS, and consider methods to keep up to date with the GHS updates every biennium, to achieve the foreshadowed benefits of GHS.

More than one economy observed that as more countries adopt GHS, less time and cost will need to be dedicated to customize the labelling and safety data sheets according to the requirements of the importing country. However, the expected GHS benefit threshold will remain elusive until the major trading partners of the APEC countries, i.e. US and EU, fully adopt GHS.

PROGRESS REPORT

Seven APEC CD Member Economies - Australia, Chile, Chinese Taipei, Hong Kong, China, Japan, Malaysia and Russia - have returned the 2010 GHS Implementation Progress Reporting Template to the Virtual Working Group on GHS. The American Chemistry Council (ACC) provided comments relevant to its industry sectors.

INDUSTRIAL WORKPLACE Sector appears to be the focal point for implementation of GHS, and the seven reporting economies have indicated Industrial Workplace sector as most likely to implement GHS first. In the case of Hong Kong, China, and Japan, Industrial Workplace is the only sector that will implement GHS.

For this sector, facilitation of international trade was identified as the main benefit from GHS implementation, with some economies also identifying improved workers' health. The main concern for this sector appears to be the discrepancies between economies implementation of GHS. While GHS allows certain choices within the constraints of GHS by the competent authorities, quite divergent versions of GHS are being implemented globally. This is due not only to making different choices on the details of GHS, but also to carrying over non-GHS elements from old legislation. This is a threat to achieving the identified benefit of international trade facilitation.

Industrial Workplace sector identified the following challenges for GHS implementation:

- 1. Lack of clear and practical information for regulatory compliance
- 2. Broad international implementation schedule
- 3. Differences in adoption of building blocks among economies and trading partners
- 4. Contradiction of GHS with other local chemical regulations resulting in longer time than expected for local implementation of GHS
- 5. Training and expertise: Lack of experts (toxicology, biology, physical properties) to classify chemicals per GHS; lack of experts who are competent to conduct GHS training or courses; level of commitment by industry in acquiring the necessary expertise in GHS; capability of local laboratories to conduct tests that may be needed to classify chemicals
- 6. Potentially high cost of implementation compared to expected benefits

Industrial Workplace sector made suggestions to address some GHS implementation issues:

- 1. Each economy to publish a clearly articulated GHS implementation plan
- 2. Allow lengthy and flexible transition timeframe. Example: Malaysia can accept both existing CLP and GHS-SDS versions concurrently until GHS fully implementated in Malaysia.
- 3. Adopt only GHS hazards, and refrain from adopting non-GHS hazard classifications
- 4. Conduct comparison of GHS classification lists from APAC economies (New Zealand, Japan, Chinese Taipei, Korea, China, et al) as well as trading partners (e.g., EU).

- 5. Provide standardized training and education campaigns for authorities and industry. .
- 6. Do cost analysis for GHS implementation by industry to be considered by authorities when adopting GHS elements, and in implementation timelines and transitions.

CONSUMER:

Most APEC economies have faced difficulties when considering GHS implementation for consumer products. Lack of international effort for harmonization has been identified as a key issue. A practical example is the difficulty to label packages (especially small containers) in multiple languages to simplify trade. Within the APEC economies, the definition of "small container" varies from 100 ml to 1000 ml.

Several APEC economies do not have comprehensive policies or regulations for consumer products. Other economies do not have regulations to distinguish between consumer and industrial chemical products. Even when consumer legislation exists, approach to GHS varies.

Australia has indicated that for consumer products, it will adopt certain elements of GHS, such as the GHS classification (but not all building blocks), and some labelling elements. However, Australia has also indicated that it would be preferable to work within its existing regulatory framework and adapt GHS to fit the framework.

Japan has indicated that adoption of GHS consumer products will be voluntary, relying on industry Code of Practice. The Japanese Government does not intend to implement GHS for consumer products as a mandatory requirement. A guidance document for GHS risk-based labelling has been prepared and is available on-line.

Russia indicated that there has been no decision yet, but the risk-based labelling approach in their current risk assessment framework has the capacity to incorporate elements of the GHS.

Unlike the Industrial Workplace sector, the consumer sector appears unable to clearly identify benefits from GHS implementation. This may explain the reported difficulties in formulating policies for GHS implementation for this sector. Another factor identified that may be impacting on the implementation of GHS for consumer products is the lack of participation by non-government organizations.

These divergent methods may however still deliver benefits for economies if some level of harmonization can be reached between close trading partners.

AGRICULTURE:

Similar to the Consumer Products sector, the GHS implementation for the Agricultural sector also appears uncertain. Economies indicated that a) they will not adopt GHS for the sector, b) the decision has not yet been made to implement GHS, or c) the decision has been taken but there are no details available on how and when the implementation will occur.

The implementation of GHS in the Agricultural sector appears to be awaiting the latest version of "FOA/WHO Guidelines on Good Labeling Practice for Pesticide" which are currently being updated by FAO/WHO to incorporate GHS elements. Malaysia noted that the amendment to their Pesticide (Labelling) Regulation under the Pesticides Act 1974 will be made based on recommendations of the latest version of FAO/WHO Guidelines.

TRANSPORT:

The Transport sector regulations in most economies appear to be based on the *United Nations Recommendation on the Transport of Dangerous Goods* (UNRTDG, or the "Orange Book").

There are some similarities between the pictograms used by the Orange Book and the Purple Book, although there are a number of important differences. The work at the UN level to improve harmonization of criteria and classification cut-off limits between the Orange Book and the UN GHS (the "Purple Book") will continue to improve the interface between transport regulations with GHS-based regulations in those economies that are planning to adopt GHS.

Australia, Chinese Taipei and Japan have transport sector regulations based on the UNRTDG. Russia indicated that their transport legislation is based on an older version of the UN "Orange Book." This is true in several APEC economies so transport regulations must be updated as well as align with GHS.

Chile indicated that they currently use the Orange Book for the transport sector regulations, and that the Purple Book may be integrated into the transport regulations.

Hong Kong, China will base their requirements for transport classification and labelling on the IMDG Code, which is based on the Orange Book.

RECOMMENDATIONS FOR FUTURE REPORTING

The Virtual Working Group urges all APEC CD Members to complete and return the GHS Implementation progress template to the Virtual Working Group. Increased number of responding economies will aid in identification of common issues and potential future work by the APEC CD to benefit all APEC CD Economies.

The Virtual Working Group requests that where the APEC Economy has previously provided input and has no further comments to add, to contact the Virtual Working Group so that the information from 2008/09 report can be carried forward.

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to provide a practical insight into the progress of GHS implementation in each APEC member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008. This report is intended to complement the UN GHS reporting.

The intent of this template is to identify the progress of GHS implementation in each member economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between member economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating member economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC member economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access these documents should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

If you require any assistance on filling out the template, please contact the Catherine Oh of the Virtual Working Group on GHS at coh@accord.asn.au.

General

| Please provide the Economy for which this Template is completed below. | | | | | | |
|---|---|--|--|--|--|--|
| Australia | | | | | | |
| Does your Economy inter (Starting work within the r | | t GHS for any chemical sector in the near future | | | | |
| ⊠ Yes | , | □ No | | | | |
| If Yes , go to next question | n. If No , no further answe | rs are required. | | | | |
| Is there an overall strateg | | | | | | |
| ☐ Yes | | ⊠ No | | | | |
| If yes, where can it be fou | ınd? Please list websites, | attach documents, etc. | | | | |
| | | | | | | |
| | dinator to facilitate implem | nentation discussions within your economy? | | | | |
| ⊠ Yes | | □ No | | | | |
| Australia coordinates GHS implementation through an Australian Government interdepartmental committee facilitated by input from a UN Sub-Committee on GHS delegation lead by the workplace health and safety portfolio. The environment portfolio is the focal point for GHS reporting to the APEC Chemical Dialogue. | | | | | | |
| If yes, please fill out the fo | | e coordinator: | | | | |
| Organisation / Agency | Safe Work Australia | | | | | |
| Name | | | | | | |
| Phone number | +61 2 6121 5317 | | | | | |
| E-mail address | info@safeworkaustrali | ia.gov.au | | | | |
| Website | Website www.safeworkaustralia.gov.au | | | | | |
| Do you have a hazard cla | Do you have a hazard classification database? | | | | | |
| | ∑ Yes – For workplace chemicals. | | | | | |
| If yes, is it mandatory class | ssification, or for informati | on only? How do you access the database? | | | | |
| Once GHS is implemented through workplace regulations, the database is expected to be for information only. | | | | | | |

Industrial Workplace

| Regulator to complete | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Do you intend to implement | GHS for this sector? | | | | | | | |
| ⊠ Yes | □ No | | | | | | | |
| If Yes , please provide the following details. If No , no further answers are required for the Industrial | | | | | | | | |
| Workplace section. | | | | | | | | |
| Lead Government Agency | Safe Work Australia | | | | | | | |
| Contact person | Mr Martin Merrett | | | | | | | |
| Phone number | +61 2 6240 6960 | | | | | | | |
| E-mail address | martin.merrett@safeworkaustralia.gov.au | | | | | | | |
| Website | www.safeworkaustralia.gov.au | | | | | | | |
| Regulatory instruments - V | Vhat is the status of legislation / regulatory instruments for this sector? | | | | | | | |
| ☐ Drafted | Bills Passed Proclaimed If proclaimed, date | | | | | | | |
| | e a means of access to the Act e.g. web-link, contact person. If not, when do | | | | | | | |
| you expect it to be proclaime | | | | | | | | |
| | ted for all chemicals used in workplaces through hazardous chemical k Health and Safety Act in each jurisdiction in Australia. | | | | | | | |
| Transition - What is the tim | ing for the transition in this sector? | | | | | | | |
| Begin 2012 | End 2017 | | | | | | | |
| | nade available for business in this phase? | | | | | | | |
| There will be an overall compliance period for businesses with the new legislation and transitional periods catered for changes to classification, labeling and safety data sheets. | | | | | | | | |
| Extent - Do you intend to ad | opt all hazard classification building blocks GHS as per the purple book? | | | | | | | |
| Yes | No | | | | | | | |
| | t-off points for mixtures you will be adopting where the choice is given in the . If no, please list the building blocks that will be adopted. | | | | | | | |
| All except, Flammable gas Cat2, Flammable liquid Cat4, Acute toxicity –ora, dermal, inhalation Cat 5; Serious eye damage –Cat 2B; aspiration hazard-Cat 2; environmental hazard classifications (for guidance only). | | | | | | | | |
| liquids beyond 93 °C. | non-GHS classification criteria? E.g. classification of flammable/combustible | | | | | | | |
| ⊠ Yes | □ No | | | | | | | |
| If yes, please provide full det | ails of non-GHS criteria being considered for adoption. | | | | | | | |
| C1 combustible liquid, which is any liquid other than a flammable liquid, with a flash point of 150°C or less and a fire point less than its boiling point. | | | | | | | | |
| Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how will it work? | | | | | | | | |
| required in workplaces har | No, workplace legislation requires a hazard-based label. Risk assessment is an additional duty required in workplaces handling the chemicals. Separate legislation governs government risk assessment of agricultural chemicals. | | | | | | | |
| Labeling – Will each of the following elements be used on the label and SDS and is there to be a maximum number of the following included on the SDS and the label? If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate column. | | | | | | | | |

| Pictograms | Label | | Yes | | No | Max none | | | |
|--|--------------------|---------------------------------|-------------------------|--|---------------------|--|--|--|--|
| 1 lotogramo | SDS | | Yes | | No | Max none | | | |
| | | | - | | | | | | |
| Signal words | Label | | Yes | | No | Max none | | | |
| | SDS | | Yes | | No | Max none | | | |
| Hazard statements | Label | | Yes | | No | Max none | | | |
| | SDS | | Yes | | No | Max none | | | |
| Daniel diameter | 1 -1 -1 | | 1 1/ | | Al - | | | | |
| Precautionary statements | Label SDS | | Yes | | No | Max none | | | |
| SDS Yes Do Max none How is the hierarchy of pictograms, hazard statements and precautionary statements defined? | | | | | | | | | |
| Pictograms and Hazard statements are both required to be on a label for products used in workplaces. Precautionary statements may be selected by the manufacturer. All precautionary statements relevant are required on the label, unless there are duplicates. N.B there is current activity at UNSCEGHS to rationalise and prioritise precautionary statements, which are a particular problem where multiple languages must be accommodated on a label. Other information (eg. Risk-based advice for pesticides) may be present on the label in addition to workplace GHS requirements. Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept | | | | | | | | | |
| additional classification crite Deemed-to comply provision | | or otherwise) Yes | not adopte | ed by your | econom | ıy? | | | |
| Deemed-to comply provision | Tes | | | Only GHS-complaint labels or anything ADDITIONAL on label. | | | | | |
| Accept additional criteria | | ⊠ Yes | | | ☐ No | | | | |
| Other arrangements Please provide a full descrip | otion | | | | | | | | |
| Do you have training and av | vareness | activities plani | ned? If ye: | s, please p | rovide s | ome information. | | | |
| OHS jurisdictional regulat awareness activities for in implementation period. Ulfor Australian use. | spector NITAR h | s, other regula as developed | atory staf an expert | f and indu training o | stry du course v | ring the regulatory vhich will be available | | | |
| Are there any plans to exchaimplementation? | ange per | sonnel with and | other ecor | nomy to im | prove ha | armonization of GHS | | | |
| No. | | | | | | | | | |
| Please list any specific issue efforts. | es of con | cern you have | experienc | ed so far d | during yo | our GHS implementation | | | |
| Accommodating differing perspectives on chemical safety issues between industry, regulatory authorities and the general community. | | | | | | | | | |
| Industry to complete | - II | | (| - l'- · · · · · · · | | | | | |
| Has it been easy to access | all neces | sary informatio | n for com | piiance? | | | | | |
| The GHS has not yet been i but the take-up of industry re Australian proposals is unde | ecomme | ndations will no | t be evide | ent until a c | detailed | public consultation on | | | |

Do you see any specific issues that are limiting the progress of GHS implementation?

The key timing challenges relate to finalization of model regulations and enactment by Australia's 6 States and 2 Territories

Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.)

Australia's GHS implementation in this sector is proposed to commence in 2012 with a 5 year transition for classification and labelling. These timeframes are acceptable to industry.

There had not yet been detailed dialogue between governments and industry on training but this matter is gaining in urgency. Training involves not only company personnel but the entire workforce who use workplace industrial chemicals.

What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved?

Industry has long supported the implementation of the GHS in the workplace industrial chemicals sector. However, Industry has continued to express concerns in the following areas:

- Inclusion of non-GHS elements in Australia's proposed implementation of the GHS (e.g. C1
 Combustible Liquid category and 12 non-GHS supplemental hazard statements) may work
 against trade facilitation and add to costs of classification and labelling. Industry contends that
 the UNSCEGHS is the appropriate forum for changes to the GHS to be considered and agreed.
- In Australia agricultural and veterinary products have a higher level of regulatory intervention through pre-market registrations and approvals. This system provides for risk-assessment of these 'defined-use' products (it is illegal to use these products for purposes contrary to label directions). Industry contends that mixing hazard and risk-assessed elements may not provide consistent messages to product end-users. Industry has recommended that labels for these products should continue to provide the outcomes of the expert and detailed risk assessment. See separate entry in this survey under "Agriculture".

How can governments best help industry with the implementation of GHS?

General

- Avoid inclusion of non-GHS elements
- Provide 'deemed to comply' provisions to account for variations with trading partners this is crucial in supporting the GHS trade facilitation objective
- Facilitate standardized training packages

Trade facilitation during international transition to GHS

 Some Australian States (e.g. Queensland, New South Wales, and Victoria) implemented changes to regulations during 2010 that provide for GHS classified and labeled products in workplaces prior to the full proposed adoption of GHS in 2012. This approach is helpful and supports trade facilitation.

Consumer Products

| Regulator to complete | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| Do you intend to impleme | nt GHS for this sector? | | | | | | | |
| ⊠ Yes | □No | | | | | | | |
| If Yes, please provide the | e following details. If No , no further answers are required for the Consumer | | | | | | | |
| Products Section. | | | | | | | | |
| Lead Government | Australian Department of Health and Ageing (Office of Chemical | | | | | | | |
| Agency | Safety and Environmental Health) with effect through the national | | | | | | | |
| | poisons scheduling framework. Scheduling may apply to all | | | | | | | |
| | chemical substances irrespective of end-use and includes veterinary, | | | | | | | |
| | agricultural, domestic and industrial chemicals where there is a | | | | | | | |
| | potential risk to public health and safety. Poisons are scheduled | | | | | | | |
| | according to the degree of risk and the level of control required over | | | | | | | |
| | availability to protect consumers. | | | | | | | |
| | | | | | | | | |
| Contact person | Greg Hooper | | | | | | | |
| | | | | | | | | |
| Phone number | +61 2 6289 2558 | | | | | | | |
| | | | | | | | | |
| E-mail address | greg.hooper@health.gov.au | | | | | | | |
| | | | | | | | | |
| Website | http://www.tga.gov.au/ndpsc/index.htm | | | | | | | |
| | | | | | | | | |
| | - What is the status of legislation / regulatory instruments for this sector? | | | | | | | |
| ☐ Drafting | Bills Passed Proclaimed If proclaimed, date | | | | | | | |
| | vide a means of access to the Act e.g. web-link, contact person. If not, when | | | | | | | |
| do you expect it to be pro | claimed? | | | | | | | |
| | | | | | | | | |
| | Poisons Acts for poisons scheduling (health related classification and | | | | | | | |
| | e a suitable basis. Contacts for information and advice on legislative | | | | | | | |
| | und at http://www.tga.gov.au/ndpsc/stdpu.htm . The Therapeutic | | | | | | | |
| | egulations (Commonwealth) also define poisons scheduling | | | | | | | |
| | can be found via http://www.tga.gov.au/ndpsc/index.htm. | | | | | | | |
| Environmental elements | s may require a legislative basis. | | | | | | | |
| | | | | | | | | |
| Tuonoition \\/\landside | timin a factly a transition in this contact | | | | | | | |
| | timing for the transition in this sector? | | | | | | | |
| Begin | End | | | | | | | |
| vvnat arrangements will b | e made available for business in this phase? | | | | | | | |
| Not yet determined by | automolius ataliah aldan samaultatian will ba undantakan and an | | | | | | | |
| | extensive stakeholder consultation will be undertaken and an | | | | | | | |
| implementation plan de | veloped. | | | | | | | |
| Extent Do you intend to | adopt all hazard classification building blocks GHS as per the purple book? | | | | | | | |
| | | | | | | | | |
| Yes – most likely | | | | | | | | |
| If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple | | | | | | | | |
| book. E.g. sensitisers. If no, please list the building blocks that will be adopted. | | | | | | | | |
| These remain under consideration. However, it is desirable that there he interretion with | | | | | | | | |
| These remain under consideration. However, it is desirable that there be integration with existing requirements so as to minimise disruption to existing classification arrangements. | | | | | | | | |
| existing requirements s | o as to minimise disruption to existing classification arrangements. | | | | | | | |
| Do you intend to adopt an | ny non-GHS classification criteria? E.g. classification of | | | | | | | |
| flammable/combustible lice | | | | | | | | |
| Yes | No – to be determined | | | | | | | |
| | details of non-GHS criteria being considered for adoption. | | | | | | | |
| joo, pioaco provido idii | astallo si fish of to officina boiling contribution to adoption. | | | | | | | |
| | | | | | | | | |
| Will there be a risk assess | sment element overlaid on top of GHS classification on the label? If yes, how | | | | | | | |

| will it work? | | | | | | | |
|---|--|---|---|---|--|--|--|
| system defines un in addition to toxi packaging, poten protective equipn | nder the Thera icological facto tial for abuse, nent for safe o | peutic Goo ors. These safety in us r effective u | ods Act, a include p se, the ne use, and t | range o ourpose ed for s he need | f factors the of use, pre pecialist tre for access | isons Scheduling nat must be considered esentation and aining or personal s to the substance. The df/scheduling-policy- | |
| Labeling – Will ea | ch of the follow | ng element | s be used | on the la | abel and SE | S and is there to be a | |
| maximum number | | | | | | | |
| | kimum numbers | specified, p | olease writ | te "none" | ' next to "Ma | ax" in the appropriate | |
| column. Pictograms | Label | | Yes | IN | ☑ No | Max N/A | |
| Fictograms | SDS | | Yes | | No | Max Not defined | |
| | 000 | | 163 | - | _ 140 | wax Not defined | |
| Signal words | Label | | Yes | | ◯ No | Max 1 – ie that is defined by the poisons scheduling laws and not GHS (but which are similar) | |
| | SDS | ⊠ ' | Yes | | No | Max 1 | |
| Hazard statements | Label | \(\sigma\) | Yes | | No | Max Not yet determined | |
| Statements | SDS | | Υ <u>ας</u> | | No | Max Not yet | |
| | SDS | | 163 | | _ NO | determined | |
| Precautionary | Label | | Yes | | No | Max As | |
| statements | | | | | ٦ | necessary | |
| | SDS | | Yes | L | No | Max As necessary | |
| How is the hierarch | ny of pictograms | s, hazard sta | atements | and prec | autionary s | tatements defined? | |
| finalised. Precaut | ionary stateme | ents to be a | added as | necessa | ry. | zard statements not yet | |
| | alternate compl | iance provis | sions or "d | eemed-t | o comply" p | roducts? i.e. is there a rovisions and will you our economy? | |
| Deemed-to-comply | provisions | Yes | | , | . ⊠ No |) | |
| Accept additional of | | ☐ Yes | | | ⊠ No |) | |
| Other arrangements Please provide a full description | | | | | | | |
| Do you have trainii | ng and awarene | ss activities | s planned? | If yes, p | lease prov | ide some information. | |
| Not as yet but ma | y be initiated p | orior to imp | lementat | ion. | | | |
| Are there any plan implementation? | s to exchange p | ersonnel wi | ith anothe | r econon | ny to improv | ve harmonization of GHS | |
| Exchange of pers | sonnel is not a | nticipated. | | | | | |
| Please list any spe | | oncern you | have expe | erienced | so far durir | ng your GHS | |
| implementation eff | orts. | | | | | | |

Ensuring consistency across various chemical sectors where different approaches to labeling are in place.

Industry to complete

Has it been easy to access all necessary information for compliance?

Yes, so far. The Department of Health and Ageing (DoHA) has been active in consultation with industry. DoHA's consideration of different options for the adoption of GHS for the consumer products sector, including the preferred option for adoption is publicly available.

Do you see any specific issues that are limiting the progress of GHS implementation?

Yes. There are on-going negotiations between the government departments responsible for consumer products regulations and workplace chemicals regulations over the regulation of consumer product labels when they are used in a place of work. The questions range from warehousing/storage of consumer products to disposal of packaging (workers at the disposal sites).

Industry supports consumer products labelling on all consumer products in their retail packaging, whether they are used in a place of work or in households, warehoused or packages going through the waste disposal sites.

Please detail the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.)

The work that will be required by the consumer products sector will depend largely on the outcomes from the negotiation between the workplace chemicals regulator and the consumer products regulator (Department of health and Ageing).

If consumer products are required to be labelled to meet the workplace chemicals requirements for warehousing and disposal as well as potential use in a place of work, while also meeting the consumer products labelling requirement, then industry will be required to re-classify and re-label all consumer products.

If however only consumer product labelling is required on consumer products, then the changes required are expected to be smaller scale.

The current proposal by DoHA will help to minimize the cost to industry by providing expert risk assessment, and little change is expected for substances that have already gone through risk assessment.

What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved?

Very little benefit is expected through the implementation of GHS. Australian consumer products regulations currently provide good public health and safety outcomes.

Implementation of GHS classification criteria is accepted as necessary since all classification of downstream chemicals including consumer products will depend on the classification of upstream chemicals. It is generally expected that upstream chemicals internationally will be classified to GHS.

How can governments best help industry with the implementation of GHS?

Long transition period and consistent and transparent communication on the new requirements from governments as they are developed is essential for industry preparations for implementation of GHS.

Agriculture

| Regulator to complete | | | | | | | |
|--|--|--|--|--|--|--|--|
| Do you intend to implement GHS for this sector? | | | | | | | |
| ☐ Yes | □ No | | | | | | |
| No decision has been made yet on implementing the GHS for pesticides. Implementation will depend on the implementation timetables of our major trading partners and the outcomes of considerations by other national regulatory reforms, such as those within the Department of Health and Ageing and States as noted above under 'consumer products'. | | | | | | | |
| Lead Government Agency | Australian Department of Agriculture, Fisheries and Forestry (DAFF) | | | | | | |
| Contact person | Mr Bill Turner | | | | | | |
| Phone number | +61 2 6272 3210 | | | | | | |
| E-mail address | bill.tuner@daff.gov.au | | | | | | |
| Website | http://www.daff.gov.au/ | | | | | | |
| | - What is the status of legislation / regulatory instruments for this sector? | | | | | | |
| ☐ Drafted | ☐ Bills Passed ☐ Proclaimed ☐ If proclaimed, date | | | | | | |
| If proclaimed, please provide you expect it to be pro | ride a means of access to the Act e.g. web-link, contact person. If not, when claimed? | | | | | | |
| No decision yet on when | ther to implement GHS for this sector. | | | | | | |
| Transition – What is the | timing for the transition in this sector? | | | | | | |
| Begin | End | | | | | | |
| What arrangements will b | e made available for business in this phase? | | | | | | |
| No decision yet on when period will be needed – | ther to implement GHS for this sector but, if implemented, a transition possibly 5 years. | | | | | | |
| Extent - Do you intend to | adopt all hazard classification building blocks GHS as per the purple book? | | | | | | |
| ☐ Yes | □ No | | | | | | |
| | cut-off points for mixtures you will be adopting where the choice is given in sitisers. If no, please list the building blocks that will be adopted. | | | | | | |
| No decision yet on whether to implement GHS for this sector but, if implemented, the chronic categories may not be adopted. The final decision on this issue rests with the Australian health authorities. Classification criteria associated with poisons scheduling remains under consideration. | | | | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C. | | | | | | | |
| ☐ Yes ☐ No | | | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | | | |
| | | | | | | | |
| Will there be a risk assess will it work? | sment element overlaid on top of GHS classification on the label? If yes, how | | | | | | |
| | sk-based labelling approach in the current risk assessment framework rporate elements of the GHS. | | | | | | |
| Labeling - Will each of the | ne following elements be used on the label and SDS and is there to be a | | | | | | |
| | | | | | | | |

| maximum number of the If there are no maximum column. | | | | | | e appropriate | |
|--|------------------------|----------------------------|----------------|-------------|--------------------------------------|--|--|
| Pictograms | Label | | ☐ Yes | _ | No | Max The use of pictograms remain under discussion. | |
| | SDS | | Yes | | No | Max The use of pictograms remain under discussion. | |
| Signal words | Label | | Yes | | No | Max | |
| | SDS | | ☐ Yes | | No | Max | |
| Hazard statements | Label | | ☐ Yes | | No | Max Unlikely to be limited if required. | |
| | SDS | | ☐ Yes | | No | Max Unlikely to be limited if required. | |
| Precautionary statements | Label | | ☐ Yes | | No | Max Unlikely to be limited if required. | |
| | SDS | | ☐ Yes | | No | Max Unlikely to be limited if required. | |
| How is the hierarchy of p | ictogram | s, hazard s | tatements and | d precautio | nary statemen | ts defined? | |
| Not yet determined. | | | | | | | |
| Do you have any arrange plan to implement alterna accept additional classific | ate comp cation cri | liance provi teria (GHS | isions ("deem | ed-to comp | oly" provisions) and by your ecor | and will you | |
| Deemed-to comply provis | | Yes | | | □ No | | |
| Accept additional criteria | | ☐ Yes | | | ☐ No | | |
| Other arrangements Please provide a full description Imported chemicals will need to comply with Australian regulatory requirements. Imported chemical products woul need to comply with state and territory poisons legislation including compliance with the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). | | | | | | | |
| Do you have training and | d awaren | ess activitie | s planned? If | yes, pleas | e provide some | e information. | |
| If implemented, an educ | cation ca | ampaign m | ay be require | ed. | | | |
| Are there any plans to eximplementation? | change | personnel v | vith another e | conomy to | improve harmo | onization of GHS | |
| 1 | | | | | | | |

No.

Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.

Demonstration of the benefits of implementing GHS, particularly ahead of our major trading partners.

Industry to complete

Has it been easy to access all necessary information for compliance?

A clear process for implementation of the GHS in the agricultural chemicals sector is yet to be determined. Industry is engaged with several Australian Government departments to negotiate the appropriate application of GHS standards to Australian agricultural chemical products.

Do you see any specific issues that are limiting the progress of GHS implementation?

Australian industry supports the continuation of existing regulatory scheme where hazard identification and characterization occur within a risk management framework for agricultural chemicals. The current regulatory scheme only permits the use of chemicals in Australia where predefined uses have had hazards assessed and risks managed according to the use pattern. This approach is superior to mere hazard identification and communication.

Key issues include:

- Continuing analysis of any potential risks and benefits associated with adoption of GHS label elements on an existing defined use, and risk-based label.
- Identifying clear boundaries in scope. Current workplace label proposals to implement the GHS have potentially unintended consequences for consumer chemicals that fall under the Australian agricultural chemicals regime.

The Australian Government has yet to make a decision regarding GHS implementation for agricultural chemicals.

Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.)

Should proposals for workplace labeling be adopted without the amendments sought, industry will be required to change all agricultural chemical labels to incorporate GHS-consistent label statements. Should a decision to implement GHS in the agricultural chemicals sector be taken, significant additional training of all chemical users will be required to enable them to understand and interpret the necessary differences between hazard-based label elements and risk-based use instructions. Irrespective of the timeframe adopted, implementation of changes will have significant cost implications for agricultural chemical registrants and users.

What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved?

In Australia, relevant product hazards that have been identified and independently characterized and assessed by the agricultural chemicals regulator are already included on labels. Adding additional information that is not relevant to the formulated product or permissible uses is not expected to provide additional benefits. Further, additional hazard information that may be interpreted as conflicting with existing label use directions may have unintended or undesirable consequences resulting from users making poor product use choices when using agricultural chemical products.

As agricultural chemicals are not permitted to be used in ways other than that defined on the label, industry has argued that the GHS label elements should not apply to the risk assessed use of agricultural chemicals.

How can governments best help industry with the implementation of GHS?

Under current arrangements, users must comply with risk-based use directions currently identified on product labels. Governments can assist by ensuring that the integrity of current risk communication mechanisms are maintained, and additional hazard statements are only imposed when existing mechanisms are found to be inadequate.

Transport

| Regulator to complete | | | | | | | | |
|--|---|--|--|--|--|--|--|--|
| | ent Dangerous Goods transport regulations based on the UN "Orange Book", | | | | | | | |
| | or implement GHS for this sector (based on the UN "Purple book") or not at all? | | | | | | | |
| Please tick one of the following three boxes | | | | | | | | |
| | is Goods (DG) transport regulations based on the UN "Orange Book" | | | | | | | |
| Implement CUS base | and an the LIM "Durnia Book" | | | | | | | |
| | ed on the UN "Purple Book" | | | | | | | |
| No, do not intend to | | | | | | | | |
| | port regulations based on the UN "Orange Book", please complete Section 1 | | | | | | | |
| | HS based on the UN "Purple Book" please complete Section 1 and 3. If not | | | | | | | |
| | urther answers are required for this sector. | | | | | | | |
| Section 1 | | | | | | | | |
| Please fill out the following | g details of the government agency responsible for the transport of | | | | | | | |
| chemicals | | | | | | | | |
| Lead Government | | | | | | | | |
| Agency | States and territory governments are responsible for the land | | | | | | | |
| | transport of dangerous goods in Australia. The National Transport | | | | | | | |
| | Commission coordinates a national process to maintain and update | | | | | | | |
| | the Australian Dangerous Goods (ADG) Code and its associated | | | | | | | |
| | model legislation. | | | | | | | |
| | moust regionalism | | | | | | | |
| Contact person | | | | | | | | |
| Phone number | | | | | | | | |
| E-mail address | | | | | | | | |
| | http://www.pto.gov.ou/ | | | | | | | |
| Website | http://www.ntc.gov.au/ | | | | | | | |
| Caption 0 | | | | | | | | |
| Section 2 | Latina harada da IINI "Orana Bada" in anadira in anada a | | | | | | | |
| | gulations based on the UN "Orange Book" in operation in your economy? | | | | | | | |
| ⊠ Yes | | | | | | | | |
| | ctor regulation compatible with GHS? Please explain how the interface | | | | | | | |
| | range Book" based regulation works. If no, please provide the details of the | | | | | | | |
| implementation plan. Plea | ase provide links to relevant legislation, draft legislation and/or other | | | | | | | |
| regulatory information. | | | | | | | | |
| | | | | | | | | |
| The Australian Code for | the transport of dangerous goods by road & rail and the associated | | | | | | | |
| | sed on the United Nations Recommendations on the Transport of | | | | | | | |
| | del Regulations. The regulations for air and sea transport of | | | | | | | |
| | stralia adopt the international air and sea transport codes for | | | | | | | |
| | n are also based on the UN Model Regulations. | | | | | | | |
| dangerous goods which | rate also based on the old model Regulations. | | | | | | | |
| Those regulatory frame | works are compatible with the GHS through their adoption of the UN | | | | | | | |
| | | | | | | | | |
| | n that the UN model regulations are aligned as far as possible with the | | | | | | | |
| | and it has been agreed that any subsequent editions of the UN Model | | | | | | | |
| Regulations will continu | ue to adopt all relevant GHS requirements. | | | | | | | |
| | | | | | | | | |
| | s goods transport regulation in Australia effectively incorporate | | | | | | | |
| | S, via the UN Model Regulations, and will continue to do so in future | | | | | | | |
| | s a consistent approach to the GHS by all transport modes for the | | | | | | | |
| transport of dangerous | goods. | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Section 3 | | | | | | | | |
| Regulatory instruments - \ | What is the status of legislation / regulatory instruments for this sector? | | | | | | | |
| Drafted | ☐ Bills Passed ☐ Proclaimed ☐ If proclaimed, date | | | | | | | |
| | vide a means of access to the Act e.g. web-link, contact person. If not, when | | | | | | | |
| do you expect it to be pro- | | | | | | | | |
| , | | | | | | | | |
| | | | | | | | | |

| Transition – What is the | timing fo | or the transit | ioi | n i | n this sector? | | | | |
|---------------------------------|---------------------|----------------|----------|---------------|-------------------|---------|-------------|----------------|----------------------|
| Begin | | | | | End | | | | |
| What arrangements will b | e made | available for | r b | วนร | siness in this ph | nas | e? | | |
| | | | | | • | | | | |
| | | | | | | | | | |
| Extent - Do you intend to | adopt a | all hazard cla | เรร | sifi | cation building | blo | cks | GHS as per | the purple book? |
| ☐Yes | | | | | ∏ No | | | | |
| If yes, please indicate the | cut-off | points for mi | xt | ure | es vou will be a | do | otine | where the | choice is given in |
| the purple book. E.g. sen | | | | | | | | | |
| | | , I | | | | | | | |
| | | | | | | | | | |
| Do you intend to adopt a | nv non-G | SHS classific | at | tio | n criteria? E.a. | cla | ssifi | cation of | |
| flammable/combustible lie | | | | | | | | | |
| Yes | -1 | , | | | No | | | | |
| If yes, please provide full | details o | of non-GHS | cr | ite | | der | ed f | or adoption | |
| | uotano t | | <u> </u> | | na bonig conon | <u></u> | <u> </u> | or adoptioni | |
| | | | | | | | | | |
| Will there be a risk asses | sment e | lement overl | ai | d (| on top of GHS | rlas | ssifi | cation on the | label? If yes, how |
| will it work? | 0111011110 | | ۵. | _ | on top or one t | J. C. | | | 100011 11 700, 11011 |
| Will it Work: | | | | | | | | | |
| | | | | | | | | | |
| Labeling – Will each of the | he follow | ina element | ς | he | used on the la | hel | and | SDS and is | there to be a |
| maximum number of the | | | | | | | | | thore to be a |
| If there are no maximum | | | | | | | | "Max" in the | annronriate |
| column. | Harribor | о оростоа, р | ,,, | Jui | so witto none | 110 | AL 10 | max in the | арргорнию |
| Pictograms | Label | | T | $\overline{}$ | Yes | _ | No | ` | Max |
| 1 lotograms | SDS | | ╁ | _ | Yes | ┢ | No | | Max |
| Signal words | Label | | ┾ | _ | Yes | ┾ | No | | Max |
| Signal words | | | ╁ | _ | | ┾ | = | | |
| Hamand statements | SDS | | ╬ | _ | Yes | 누 | No | | Max |
| Hazard statements | Label | | | _ | Yes | + | No | | Max |
| Daniel Caran | SDS | | <u> </u> | _ | Yes | | No | | Max |
| Precautionary | Label | | L | Ш | Yes | L | No |) | Max |
| statements | | | _ | _ | | _ | ٠ | | |
| | SDS | | L | | Yes | L | No | | Max |
| How is the hierarchy of p | ictogram | ns, hazard st | at | en | nents and preca | auti | ona | ry statement | s defined? |
| | | | | | | | | | |
| - | | | | | | | | | |
| Do you have any arrange | | | | | | | | | |
| plan to implement alterna | | | | | | | | | |
| accept additional classific | | | or | ot | herwise) not ad | op | ted_ | | iomy? |
| Deemed-to comply provis | sions | ☐ Yes | | | | | L | ☐ No | |
| Accept additional criteria | | ☐ Yes | | | | | | No | |
| Other arrangements | | | | | | | <u> </u> | | |
| Please provide a full des | cription | | | | | | | | |
| Trodes provide a fail des | onpuon | | | | | | | | |
| Do you have training and | awaren | ess activities | s r | าโล | nned? If ves in | lea | Se r | rovide some | information |
| Do you have training and | awarcii | C33 activities | , | ла | inica: ii yes, p | ica | 30 <u>F</u> | orovide 30ille | , illioilliation. |
| | | | | | | | | | |
| Are there any plans to ex | chango | porconnol w | i+h | | nother econom | t | n im | provo barmo | nization of GUS |
| implementation? | Change | personner w | IU | ıa | mouner econom | y t | ווו | prove namic | ilization of Gris |
| implementation? | | | | | | | | | |
| | | | | | | | | | |
| Diagonalist as a secondinate | | | | | | | | | |
| i Piease iist anv specific is | | | 1. | _ | | | r | | 2110 |
| | sues of | concern you | h | av | e experienced | so | far o | during your G | SHS |
| implementation efforts. | sues of | concern you | h | av | e experienced | so | far o | during your G | SHS |
| | sues of | concern you | h | av | e experienced | so | far o | during your G | BHS |
| implementation efforts. | sues of | concern you | h | av | e experienced | SO | far o | during your G | GHS |
| | | | | | | | | during your G | GHS |

Some information, such as the *Australian Code for the Transport of Dangerous Goods by Road and Rail* (ADG Code) is easy to find. State and Territory based legislations implementing the ADG Code are more difficult to find.

Do you see any specific issues that are limiting the progress of GHS implementation / transport regulation?

Transport regulations in Australia have been based on UNRTDG for many years. We understand that the work at the UNRTDG and UN GHS will continue to align the classification cut-off and other issues arising to ensure that there is a smooth interface between transport of chemicals and use and storage of chemicals.

Please provide detail of the work required by industry to implement GHS / transport regulations, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.)

Industry is not expecting increased workload for the transport sector from GHS implementation, since the transport regulations in Australia has been based on the UNRTDG for many years.

However, a single National transport regulation instead of several State and Territory based regulations, updated regularly to align with the UNRTDG updates would help industry comply with the Australian dangerous goods transport regulations, and also keep up to date with any changes made to the UNRTDG to align with the UN GHS.

Clearer separation between transport requirements and workplace chemical / consumer products / agricultural chemicals requirements would also be useful for understanding the labelling requirements for each sector. Currently, unlike UNRTDG, the ADG Code specifies that "inner packages" above a certain size, that are not be visible during transport be marked and labelled to meet transport requirements.

What are the expected benefits for industry through the implementation of GHS / transport regulations? Are there any risks that this benefit may not be achieved?

No new benefits are expected.

How can governments best help industry with the implementation of GHS / transport regulations?

Governments can provide information and training when transport regulations are updated, with specific focus on the changes and the expected benefits of those changes.

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to provide a practical insight into the progress of GHS implementation in each APEC member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008. This report is intended to complement the UN GHS reporting.

The intent of this template is to identify the progress of GHS implementation in each member economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between member economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating member economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC member economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access these documents should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

If you require any assistance on filling out the template, please contact the Catherine Oh of the Virtual Working Group on GHS at coh@accord.asn.au.

General

| Please provide the Econo | my for which this Template is completed below. |
|-------------------------------------|--|
| 01111.5 | |
| CHILE | |
| | nd to adopt and implement GHS for any chemical sector in the near future |
| (Starting work within the r | |
| 🔀 Yes | |
| If Yes , go to next question | n. If No , no further answers are required. |
| Is there an overall strateg | ic plan for GHS implementation? |
| ☐ Yes | ☑ No |
| If yes, where can it be fou | ind? Please list websites, attach documents, etc. |
| | |
| | |
| Do you have a GHS coord | dinator to facilitate implementation discussions within your economy? |
| ⊠ Yes | □ No |
| If yes, please fill out the fo | ollowing information for the coordinator: |
| Organisation / Agency | Ministry of Health |
| Name | Ms. Pamela Santibañez |
| Phone number | (56 2) 5740791 |
| E-mail address | psantibanez@minsal.cl |
| Website | www.minsal.cl |
| Do you have a hazard cla | ssification database? |
| Yes | □ No |
| If yes, is it mandatory class | ssification, or for information only? How do you access the database? |
| | |
| It is used the United Nat | tions classification and it is mandatory for transport and from March |
| 2011 it will be for wareh | ousing |
| | |

Industrial Workplace

| Descriptions | _ | | | |
|--|---------------------|--------------------------|-----------------------|---------------------------|
| Regulator to complete | | a acatar? | | |
| Do you intend to impler X Yes | nent GHS for thi | | | |
| If Yes , please provide t | ho following dot | No No no further | anewore are requi | rod for the Industrial |
| Workplace section. | | | answers are requi | red for the moustrial |
| Lead Government Agency | Ministry of | Health | | |
| Contact person | Ms. Pamela | Santibañez | | |
| Phone number | (56 2) 57407 | '91 | | |
| E-mail address | psantibanez | @minsal.cl | | |
| Website | www.minsa | l.cl | | |
| Regulatory instrumen | ts - What is the | status of legislation | regulatory instrum | ents for this sector? |
| Drafted | ☐ Bills Pass | | | claimed, date |
| If proclaimed, please portion do you expect it to be p | | of access to the Act | e.g. web-link, conta | act person. If not, when |
| It is developing a Nati | | tation Strategy, wh | ich will include th | e industrial sector |
| Transition – What is th | e timing for the | transition in this sect | or? | |
| Begin | | End | | |
| What arrangements wil | l be made availa | lble for business in t | nis phase? | |
| Not defined yet | | | | |
| Extent - Do you intend | to adopt all haza | ard classification bui | lding blocks GHS a | s per the purple book? |
| Yes | | ☐ No | | |
| If yes, please indicate t | he cut-off points | for mixtures you will | be adopting where | the choice is given in |
| the purple book. E.g. se | ensitisers. If no, | please list the building | ng blocks that will b | e adopted. |
| Not defined yet | | | | |
| Do you intend to adopt | | | E.g. classification | of |
| flammable/combustible Yes | ilquius beyonu s | 93 C. | | |
| If yes, please provide fu | ıll details of non- | | considered for ador | otion |
| Not defined yet | in details of flori | Of 15 Citteria being t | considered for adop | otion. |
| rtot dominod you | | | | |
| | essment elemen | t overlaid on top of 0 | GHS classification of | on the label? If yes, how |
| will it work? | | | | |
| Not defined yet | | | | |
| Labeling – Will each of | the following el | ements be used on t | he label and SDS a | and is there to be a |
| maximum number of th | | | | |
| If there are no maximul | | | | in the appropriate |
| column. | - | • | | |
| Pictograms | Label | ☐ Yes | ☐ No | Max |
| | SDS | Yes | ☐ No | Max |
| Signal words | Label | ☐ Yes | ☐ No | Max |
| | SDS | ☐ Yes | ☐ No | Max |
| Hazard statements | Label | ☐ Yes | ☐ No | Max |
| | SDS | ☐ Yes | ☐ No | Max |
| Precautionary | Label | ☐ Yes | ☐ No | Max |
| statements | | | | |
| | SDS | ☐ Yes | ☐ No | Max |
| How is the hierarchy of | pictograms, haz | ard statements and | precautionary state | ements defined? |
| Not defined yet | | | | |
| Do you have any arrang | | | | |
| plan to implement alter | | | | |
| accept additional classi | fication criteria (| GHS or otherwise) n | ot adopted by your | economy? |

| Deemed-to comply provisions | ☐ Yes | ☐ No | | | |
|---|---|---|--|--|--|
| Accept additional criteria | Yes | ☐ No | | | |
| Other arrangements | Not defined yet | · | | | |
| Please provide a full description | | | | | |
| Daniel beneficier and annual | | 0.16 | | | |
| | | ? If yes, please provide some information. ss activities of GHS, both public and | | | |
| private sector | to develop awarene | ss activities of Gn3, both public and | | | |
| private sector | | | | | |
| Are there any plans to exchange p | personnel with another | er economy to improve harmonization of GHS | | | |
| implementation? | | | | | |
| | | | | | |
| Not for now | | | | | |
| Please list any specific issues of o | concern you have exp | perienced so far during your GHS | | | |
| implementation efforts. | t savaral years tryin | g to implement GHS, however this has not | | | |
| | | will be implemented). For this reason, in | | | |
| | | an implementation strategy. | | | |
| | | of representatives organizations of civil | | | |
| society | | | | | |
| Industry to complete | | | | | |
| Has it been easy to access all ned | | | | | |
| | | view to comply with GHS, even though there | | | |
| | | projects that include funding for the | | | |
| | | economies were prompt to implement | | | |
| | | also known as CLP Directive 2) Korea: Substance and Material Safety Data Sheet | | | |
| | | | | | |
| according the Industrial Safety & Health Act, 2008 3) Japan: JIZ Z 7250 (2005) Standard. | | | | | |
| Do you see any specific issues the | at are limiting the pro | gress of GHS implementation? | | | |
| As far as we know, there are limited or no budget from the State to do so. Moreover, when | | | | | |
| | | I to provide a special and intensive training | | | |
| process to the regulators, in the | ose specifics subjec | ts, essential for a successful | | | |
| implementation of the GHS. There are a few companies that have presented concern about probable impacts on the GHS | | | | | |
| | | | | | |
| | | covers UN recommendations on the me aspects with GHS, so it might cause | | | |
| | | per training on the GHS labeling. | | | |
| oomasion on regulatore of mop | ootoro, marrio pro | sor training on the orio laboring. | | | |
| Please provide detail of the work | required by industry t | o implement GHS, including information on | | | |
| how this workload may be reduce | d. (e.g. Classification | and labeling of all products. This workload is | | | |
| more acceptable if spread over a long implementation period. Training of staff, which if coordinated | | | | | |
| by Government, will help industry.) | | | | | |
| The workload supposed to be very intensive, since a lot of areas need to be covered. From the | | | | | |
| classification point of view, there is a chance to have less workload since we do not expect to find big changes from the current UN system used for Transportation. Nevertheless because | | | | | |
| | re is a chance to ha | ve less workload since we do not expect to | | | |
| find big changes from the curre | re is a chance to ha ent UN system used | ve less workload since we do not expect to for Transportation. Nevertheless because | | | |
| find big changes from the curre there are new divisions and risl | re is a chance to ha ent UN system used k to taking into acco | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to | re is a chance to ha ent UN system used c to taking into acco best implementing | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. the GHS. Most challenges are expected | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to from the labeling part, due the a | re is a chance to ha ent UN system used c to taking into acco best implementing | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to | re is a chance to ha ent UN system used c to taking into acco best implementing | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. the GHS. Most challenges are expected | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to from the labeling part, due the a the used at the transport. | re is a chance to ha ent UN system used to taking into acco best implementing absence of a clear re | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. the GHS. Most challenges are expected | | | |

Main benefit is the market access to those economies to have covered the GHS on their legislations. The main risk to not achieve this benefit, start when different approaches might create different regulations and conditions, in different countries. This condition itself, create a contradiction on the initiative to harmonize the criteria. Nevertheless there is a small impact expected in this area, due unequal opinions on risk assessment.

How can governments best help industry with the implementation of GHS?

Creating a clear and yet achievable regulatory scenario, all industry must align their processes to get a uniform classification and risk communications systems. When formulating this regulations and laws it is fundamental to consult the industry representatives to create effective pieces of law that contribute with the GHS objectives. There is also important to consider a reasonable timeline and steps to implement, giving a fair space of time, to small size companies to comply. It also would help creating instruments to co-financing the implementation in small companies or group of them, using i.e.: a "Clean Production" approach. Finally it would be desirable, to consider similar regulations in the UE or other countries that has already implemented GHS, taking advantage of the variety of languages used at the UE including Spanish.

Consumer Products

| Regulator to comp | | | | | |
|---|------------------|------------------|-------------------|-----------------|----------------------------|
| Do you intend to imp | lement GHS fo | r this sector? | | | |
| ⊠ Yes | | | ☐ No | | |
| | de the following | details. If No | , no further ans | swers are req | uired for the Consumer |
| Products Section. | | | | | |
| Lead Government | Ministry | of Health | | | |
| Agency | | | | | |
| Contact person | | iela Santibai | ňez | | |
| Phone number | (56 2) 57 | | | | |
| E-mail address | | anez@minsa | l.cl | | |
| Website | www.mi | | | | |
| | | | | | uments for this sector? |
| ☐ Drafting | Bills P | | Proclair | | oroclaimed, date |
| | | ins of access | to the Act e.g. | web-link, cor | ntact person. If not, when |
| do you expect it to b | e proclaimed? | | | | |
| As part of the deve | loping of the l | mplementati | on National S | trategy, it wi | Il include the |
| | | | | | and it not defined how |
| and who will imple | | , | | - , . . | |
| Transition – What is | s the timing for | the transition | in this sector? | | |
| Begin | | | End | | |
| What arrangements | will be made av | /ailable for bu | ısiness in this p | phase? | |
| | | | | | |
| Evtent - Do you inte | nd to adopt all | nazard classi | fication building | a blocks GHS | as per the purple book? |
| Yes | ilu to adopt all | iazaiu ciassi | No | g blocks Gi ic | as per trie purple book: |
| If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple | | | | | |
| book. E.g. sensitisers. If no, please list the building blocks that will be adopted. | | | | | |
| Door. E.g. soriolisers. If no, prease list the building blocks that will be adopted. | | | | | |
| | | | | | |
| Do you intend to add | opt any non-GH | S classification | on criteria? E.g | . classificatio | n of |
| flammable/combustible liquids beyond 93 °C. | | | | | |
| ☐ Yes ☐ No | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | |
| Not defined yet | | | | | • |
| | | | | | |
| Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how | | | | | |
| will it work? | | | | | |
| Not defined yet | | | | | |
| | | | | | |
| | | | | | |
| | | | | | S and is there to be a |
| maximum number of | | | | | |
| | num numbers s | pecified, plea | ase write "none | e" next to "Ma | x" in the appropriate |
| column. | | | | | 1 |
| Pictograms | Label | ☐ Yes | | ☐ No | Max |
| | SDS | ☐ Yes | | □ No | Max |
| Signal words | Label | ☐ Yes | | □ No | Max |
| | SDS | ☐ Yes | | □ No | Max |
| Hazard | Label | ☐ Yes | s | ☐ No | Max |
| statements | | | <u>_</u> | | |
| | SDS | ☐ Yes | | □ No | Max |
| Precautionary | Label | ☐ Yes | | □ No | Max |
| statements | 000 | | | | |
| | SDS | ☐ Yes | | □ No | Max |
| How is the hierarchy | of pictograms, | nazard state | ments and pre | cautionary sta | atements defined? |

| Not defined yet | | | | | |
|--|--|--------------------------------|--|--|--|
| | | | | | |
| plan to implement alternate comp | n place to deal with imported chem diance provisions or "deemed-to co iteria (GHS or otherwise) not adop | omply" provisions and will you | | | |
| Deemed-to-comply provisions | │ | ∏No | | | |
| Accept additional criteria | Yes | □No | | | |
| Other arrangements | | | | | |
| Please provide a full description | Not defined yet | | | | |
| Do you have training and awaren | ess activities planned? If yes, plea | se provide some information. | | | |
| For the year 2011, it is planned private sector | to develop awareness activities | of GHS, both public and | | | |
| implementation? | personnel with another economy t | o improve harmonization of GHS | | | |
| Not for now | | | | | |
| implementation efforts. | concern you have experienced so | | | | |
| Our Economy has spent several years trying to implement GHS, however this has not resulted (there is not any document how it will be implemented). For this reason, in this stage our main objective is developing an implementation strategy. It has been difficult to get the participation of representatives organizations of civil society | | | | | |
| Industry to complete | | | | | |
| Has it been easy to access all necessary information for compliance? | | | | | |
| | | | | | |
| Do you see any specific issues that are limiting the progress of GHS implementation? | | | | | |
| | | | | | |
| Please detail the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) | | | | | |
| | | | | | |
| What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved? | | | | | |
| | | | | | |
| How can governments best help i | industry with the implementation o | f GHS? | | | |
| | | | | | |

Agriculture

| Regulator to complete | | | | | | |
|--|-----------------------------|------------------------------------|--------------|-----------------|---------------------------|--|
| Do you intend to implem | ent GHS for this sec | ctor? | | | | |
| ⊠ Yes | | ☐ No | | | | |
| If Yes, please provide th | e following details. | If No , no furthei | r answers a | are requi | red for the Industrial | |
| Workplace section. | | | | | | |
| Lead Government | Agricultural and | Agricultural and Livestock Service | | | | |
| Agency | | | | | | |
| Contact person | Mr. Ignacio Figu | ieroa | | | | |
| Phone number | (56 2) 6950805 | | | | | |
| E-mail address | Ignacio.figueroa | <u>@sag.gob.cl</u> | | | | |
| Website | www.sag.cl | | | | | |
| Regulatory instrument | s - What is the statu | s of legislation | / regulator | y instrum | nents for this sector? | |
| □ Drafted | ☐ Bills Passed | ☐ Pro | claimed | If pro | oclaimed, date | |
| If proclaimed, please pro | | cess to the Act | e.g. web-li | nk, conta | act person. If not, when | |
| do you expect it to be pr | | | | | | |
| It is developing a Nation | nal Implementatio | n Strategy, wh | ich will in | clude th | e agricultural sector. | |
| Transition – What is the | timing for the trans | ition in this sec | tor? | | | |
| Begin | - | End | | | | |
| What arrangements will | be made available f | or business in t | his phase? |) | | |
| Not defined yet | | | | | | |
| Extent Do you intend t | o adopt all bazard a | locaification bui | lding blook | , CUS 6 | no nor the purple book? | |
| Extent - Do you intend t | o adopt all hazard c | | iding block | S GHS 8 | is per the purple book? | |
| If yes, please indicate th | a aut off painta for r | | l bo odonti | na whar | the chaice is given in | |
| | | | | | | |
| the purple book. E.g. se Not defined yet | isitisers. Il 110, pieas | se iist trie buildii | ilg blocks t | iial Will L | e adopted. | |
| Not defined yet | | | | | | |
| Do you intend to adopt a | anv non-GHS classif | ication criteria? | E.g. class | ification | of | |
| flammable/combustible | | | g | | | |
| Yes No | | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | | |
| Not defined yet | | | | | | |
| | | | | | | |
| Will there be a risk asse | ssment element ove | erlaid on top of (| GHS classi | fication of | on the label? If yes, how | |
| will it work? | | | | | | |
| Not defined yet | | | | | | |
| Labeling Will sook of | the following clamp | ata ha uaad aa | the lebel o | ~4 CDC 4 | and in there to be a | |
| Labeling – Will each of | | | | | and is there to be a | |
| maximum number of the If there are no maximum | | | | | in the appropriate | |
| column. | rnumbers specified, | piease write i | IOHE HEXL | lo iviax | пт те арргорпате | |
| Pictograms | Label | Yes | | No | Max | |
| i ictograms | SDS | Yes | | 10 10 | Max | |
| Signal words | Label | Yes | | 10 10 | Max | |
| Signal words | SDS | | | <u>ио</u> Ио | | |
| Howard statements | | Yes | | | Max | |
| Hazard statements | Label | Yes | | No. | Max | |
| Dragoutioner | SDS | Yes | | No. | Max | |
| Precautionary | Label | ☐ Yes | L L | No | Max | |
| statements | SD6 | □ Vaa | | ulo. | May | |
| How in the biographic of | SDS | Yes | | No | Max | |
| How is the hierarchy of | nctograms, nazard s | staternents and | precaution | iary state | aments defined? | |
| Not defined vet | | | | | | |
| Not defined yet | omonto in place to a | lool with image | ad chami- | alo / n=== | Juoto 2 i o io thora a | |
| Do you have any arrang | | | | | | |
| plan to implement altern | | | | | | |
| accept additional classif | <u>cation criteria (GHS</u> | or ornerwise) f | ioi adopte | a by youl | economy? | |

| Deemed-to comply provisions | | Yes | | No | |
|--|--------------|---|--------------|---|--|
| Accept additional criteria | | Yes | | No | |
| Other arrangements Please provide a full description | No | ot defined yet | | | |
| Do you have training and awaren | | | | | |
| For the year 2011, it is planned sector | | · | | | |
| Are there any plans to exchange implementation? | pers | sonnel with another economy to | imp | prove harmonization of GHS | |
| Not for now | | | | | |
| Please list any specific issues of c implementation efforts. | | • | | | |
| resulted (there is not an this stage our main obje | ıy d ecti | everal years trying to impleme ocument how it will be impler ve is developing an implemen he participation of representa | ner Itati | ited). For this reason, in on strategy. | |
| Industry to complete | | | | | |
| Has it been easy to access all nee | ces | sary information for compliance? | ? | | |
| Pesticides, in accordance with existing regulation, must be registered prior putting the products on the market. In this process the industry must submit the data for supporting toxicological and ecotoxicological requirements required by the regulation. | | | | | |
| Do you see any specific issues that are limiting the progress of GHS implementation? | | | | | |
| We understand GHS uses FAO/WHO criteria for pesticides labeling | | | | | |
| Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) | | | | | |
| We consider important develop joint training public and private sector, and the assimilation of FAO/WHO criteria about pesticides. | | | | | |
| What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved? | | | | | |
| We consider important and beneficial the implementation of information system to users | | | | | |
| How can governments best help i | ndu | stry with the implementation of | GΗ | S? | |
| We consider indispensable the phased implementation of the system in order to generate capacities for each of them facilitating the implementation | | | | | |

Transport

| Regulator to complete | | | | | |
|---|---|--|--|--|--|
| Do you intend to impleme | nt Dangerous Goods transport regulations based on the UN "Orange Book", | | | | |
| | s sector (based on the UN "Purple book") or not at all? | | | | |
| Please tick one of the follo | | | | | |
| | s Goods (DG) transport regulations based on the UN "Orange Book" | | | | |
| | d on the UN "Purple Book" | | | | |
| ■ No, do not intend to i | mplement GHS | | | | |
| | port regulations based on the UN "Orange Book", please complete Section 1 | | | | |
| and 2. If implementing GF | HS based on the UN "Purple Book" please complete Section 1 and 3. If not | | | | |
| | urther answers are required for this sector. | | | | |
| Section 1 | , | | | | |
| Please fill out the following | g details of the government agency responsible for the transport of | | | | |
| chemicals | | | | | |
| Lead Government | Ministry of Transport and Telecommunications, Transportation | | | | |
| Agency | Undersecretary | | | | |
| Contact person | Mr. Víctor Carrasco Poblete | | | | |
| Phone number | (56 2) 4213422 | | | | |
| E-mail address | vcarrasc@mtt.cl | | | | |
| Website | www.mtt.cl | | | | |
| Only | www.mtc.or | | | | |
| Section 2 | | | | | |
| | julations based on the UN "Orange Book" in operation in your economy? | | | | |
| X Yes | No | | | | |
| | ctor regulation compatible with GHS? Please explain how the interface | | | | |
| | range Book" based regulation works. If no, please provide the details of the | | | | |
| | ase provide links to relevant legislation, draft legislation and/or other | | | | |
| regulatory information. | ise provide links to relevant legislation, draft legislation and/or other | | | | |
| regulatory information. | | | | | |
| | | | | | |
| Section 3 | Section 3 | | | | |
| | What is the status of legislation / regulatory instruments for this sector? | | | | |
| Drafted | Bills Passed Proclaimed If proclaimed, date | | | | |
| | ride a means of access to the Act e.g. web-link, contact person. If not, when | | | | |
| do you expect it to be pro- | | | | | |
| do you expect it to be pro- | Sidiffica: | | | | |
| | | | | | |
| Transition – What is the | timing for the transition in this sector? | | | | |
| Begin 2011 | End 2012 | | | | |
| <u> </u> | | | | | |
| What arrangements will be made available for business in this phase? | | | | | |
| Not defined yet | | | | | |
| | adopt all hazard classification building blocks CHS as per the purple book? | | | | |
| Extent - Do you intend to adopt all hazard classification building blocks GHS as per the purple book? ☐ No | | | | | |
| | | | | | |
| If yes, please indicate the cut-off points for mixtures you will be adopting where the choice is given in | | | | | |
| the purple book. E.g. sensitisers. If no, please list the building blocks that will be adopted. | | | | | |
| Not defined yet | | | | | |
| Do you intend to adopt any non CHC elegation evitoria? Fig. elegation of | | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | | | |
| flammable/combustible liquids beyond 93 °C. Yes No | | | | | |
| | | | | | |
| ii yes, piease provide iuii | details of non-GHS criteria being considered for adoption. | | | | |
| | | | | | |
| Will thoro be a rick cooses | emant alament avariand on tan of CUS alamination on the label of the second | | | | |
| | Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how | | | | |
| will it work? | | | | | |
| | | | | | |

| Labeling – Will each of the | | | | | | | S and is | there to be a |
|---|--|----------------------------|-------|-------------|-------------------------|-----------|------------|---------------|
| | maximum number of the following included on the SDS and the label? | | | | | | | |
| If there are no maximum | numbers | s specified, _l | plea | ise write ' | 'none" nex | xt to "Ma | ax" in the | appropriate |
| column. | 1 | | _ | | | | | |
| Pictograms | Label | | Щ | Yes | | No | | Max |
| | SDS | | Щ | Yes | | No | | Max |
| Signal words | Label | | Щ | Yes | | No | | Max |
| | SDS | | Ш | Yes | | No | | Max |
| Hazard statements | Label | | Ш | Yes | | No | | Max |
| | SDS | | Ш | Yes | | No | | Max |
| Precautionary | Label | | Ш | Yes | L | No | | Max |
| statements | | | | | | _ | | |
| | SDS | | | Yes | | No | | Max |
| How is the hierarchy of pi | ctogram | s, hazard st | ate | ments and | d precauti | onary st | atements | defined? |
| Not defined yet | | | | | | | | |
| | | | | | | | | |
| Do you have any arrange | | | | | | | | |
| plan to implement alterna | | | | | | | | |
| accept additional classific | | teria (GHS | or o | therwise) | not adopt | | | omy? |
| Deemed-to comply provis | ions | ☐ Yes | | | | ☐ No |) | |
| Accept additional criteria | | ⊠ Yes | | | | ☐ No |) | |
| Other arrangements | | | | | | ı | | |
| Please provide a full desc | ription | | | | | | | |
| , | | | | | | | | |
| Do you have training and | awaren | ess activitie | s pla | anned? If | yes, plea | se provi | de some | information. |
| . , | | | | | <i>y</i> , ₁ | | | |
| For the year 2011, it is p | lanned | to develop | aw | areness | activities | on GHS | S in Tran | sport sector |
| Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? | | | | | | | | |
| Not for now | | | | | | | | |
| Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. | | | | | | | | |
| | | | | | | | | |
| Industry to complete | | | | | | | | |
| Has it been easy to access all necessary information for compliance? | | | | | | | | |
| | | | | | | | cation ar | าd |
| Our norms have been based on the UN Orange Book for risk communication and classification, at ground transport of Hazardous Materials. Nonetheless, our laws are still too basic to cover the risk on transportation of hazardous materials. | | | | | | | | |
| Do you see any specific is | ssues th | at are limitir | ng th | ne progre | ss of GHS | 3 implem | nentation | / transport |
| regulation? As far as we know, GHS will only apply to the labeling, but not to the packing for transport | | | | | | | | |
| purpose. This means the pictograms that are use how the state chooses t | at packa d today | ages for tra . The main | nsp | oort, and | trucks ta | ınks, wi | II use the | e same |
| Please provide detail of the work required by industry to implement GHS / transport regulations, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) We believe that GHS implementation should not have important effects on hazardous | | | | | | | | |
| materials transportation Book. | | | | | | | | |

What are the expected benefits for industry through the implementation of GHS / transport regulations? Are there any risks that this benefit may not be achieved?

Improving regulations on transport will help the industry to compete on an even regulatory basis, because at that scenario, law will fixes the minimum safety standard.

How can governments best help industry with the implementation of GHS / transport regulations?

We believe the transport regulations could be improved, by motivating self regulations and/or the implementation of management systems that covers those kinds of operations.

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to provide a practical insight into the progress of GHS implementation in each APEC member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008. This report is intended to complement the UN GHS reporting.

The intent of this template is to identify the progress of GHS implementation in each member economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between member economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating member economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC member economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access these documents should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

If you require any assistance on filling out the template, please contact the Catherine Oh of the Virtual Working Group on GHS at coh@accord.asn.au.

General

| Please provide the Econo | omy for which this Template is completed below. | | |
|---|--|--|--|
| Chinese Taipei | | | |
| | nd to adopt and implement GHS for any chemical sector in the near future | | |
| (Starting work within the r | | | |
| <u> </u> | No | | |
| | n. If No , no further answers are required. | | |
| X Yes | ic plan for GHS implementation? | | |
| | ind? Please list websites, attach documents, etc. | | |
| • | | | |
| | al GHS Implementation 3-year Action (FY2006-FY2008) attached and | | |
| website (http://ghs.cla.g | | | |
| | NS 15030 (2008): Classification and Labelling of Chemicals NS 6864 (2006): Labels for the Transport of Dangerous Goods | | |
| | dinator to facilitate implementation discussions within your economy? | | |
| ⊠Yes | □ No | | |
| If yes, please fill out the fo | ollowing information for the coordinator: | | |
| Organisation / Agency | Safety and Health Technology Center (SAHTECH)/Council of Labour | | |
| | Affairs (CLA), Executive Yuan (National GHS Implementation Lead | | |
| | Agency) | | |
| Name | Dr. Jowitt Li | | |
| Phone number | +886-6-2937770 | | |
| E-mail address | joli@sahtech.org | | |
| Website | http://www.cla.gov.tw/ | | |
| Do you have a hazard classification database? | | | |
| ⊠ Yes | □ No | | |
| If yes, is it mandatory class | ssification, or for information only? How do you access the database? | | |
| Information only, (http:// | /ghs.cla.gov.tw/) | | |

Industrial Workplace

| Regulator to complete | | | | | |
|--|-----------------|-------------------------------|-----------------------|---------------------|-------------|
| Do you intend to implement | t GHS for this | _ | | | |
| | ☐ Yes ☐ No | | | | |
| If Yes , please provide the following details. If No , no further answers are required for the Industrial Workplace section. | | | | | |
| Lead Government | Council of La | bour Affairs (CLA), | Executive Yuan | / Safety a | nd Health |
| Agency | Technology C | Center (SAHTECH) | | _ | |
| Contact person | Kuo-Ming CH | ANG / Dr. Jowitt Li | | | |
| Phone number | +886-2-859027 | 775 / +886-6-2937770 | | | |
| E-mail address | gorman@mai | <u>l.cla.gov.tw</u> / joli@sa | htech.org | | |
| Website | http://www.cla | a.gov.tw/ | | | |
| Regulatory instruments - | What is the sta | atus of legislation / reg | ulatory instrume | nts for this : | sector? |
| ☐ Drafted ☐ E | Bills Passed | □ Proclaimed | If proclaime | d, date _ 10 | /19/2007_ |
| If proclaimed, please provide | | access to the Act e.g. | web-link, contact | person. If | not, when |
| do you expect it to be procl | | | | | |
| Regulation of Labelling a http://www.cla.gov.tw/ , K | | | gerous and Har | mful Mater | ials, |
| Transition – What is the tire | | | | | |
| Begin12/31/2008 | End | d <u>12/31/2009</u> (for | the first stage of | of Impleme | ntation) |
| What arrangements will be | made availabl | e for business in this p | hase? | | |
| Both GHS and UNRTDG f | ormats are ac | ceptable during the | transition period | d. | |
| Extent - Do you intend to a | dopt all hazard | d classification building | blocks GHS as | per the pur | ple book? |
| ⊠ Yes | | ☐ No | | | |
| If yes, please indicate the countries the purple book. E.g. sensit | | | | | s given in |
| | | | | | 130 |
| All hazard categories and cut-off limits are included in the National Standard CNS 15030. Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | | | |
| Do you intend to adopt any flammable/combustible liqu | | | . classification of | | |
| Yes No | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | |
| in yes, piease provide fair details of flori erre officing softshared for adoption. | | | | | |
| | | | | | |
| Will there be a risk assessr will it work? | nent element c | overlaid on top of GHS | classification on | the label? | If yes, how |
| | | | | | |
| No. | | | | | |
| Labeling – Will each of the | | | | d is there to | be a |
| maximum number of the fo | | | | | |
| If there are no maximum nu | ımbers specifi | ed, please write "none | " next to "Max" in | the approp | oriate |
| column. | | | | | |
| Pictograms | Label | <u></u> | □ No | Max_ | <u>none</u> |
| | SDS | ⊠ Yes | □ No | Max_ | <u>none</u> |
| Signal words | Label | ⊠ Yes | □ No | Max_ | <u>none</u> |
| | SDS | ⊠ Yes | □ No | Max _ | <u>none</u> |
| Hazard statements | Label | <u>⊠</u> Yes | □ No | Max_ | <u>none</u> |
| | SDS | <u>⊠</u> Yes | □ No | Max_ | <u>none</u> |
| Precautionary statements | Label | <u>⊠</u> Yes | □ No | Max_ | <u>none</u> |
| | SDS | <u> </u> | │ | Max _ | none |
| How is the hierarchy of pict | ograms, hazar | d statements and pred | cautionary statem | ents define | ed? |
| Pictograms, hazard statements and precautionary statements are required for chemical container labelling specified in the Regulation of Labelling and Hazard Communication of Dangerous and Harmful Materials. | | | | | |

Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

| Deemed-to comply provisions | Yes | ⊠ No |
|---|-----|------|
| Accept additional criteria | Yes | ⊠ No |
| Other arrangements Please provide a full description | | |

Do you have training and awareness activities planned? If yes, please provide some information.

Yes, CLA has trained 276 instructors responsible for GHS awareness-raising and implementation in 2008. Additional 90+ official GHS seminars have been held in different cities/areas with more than 1,000 participants of industry EHS personals. By August 2010, more than 80,000 participants were involved in various awareness-raising activities. Copies of GHS pictogram posters, brochures, training materials, quarterly e-newsletters, and multimedia video clips are distributed to target audiences and companies. Official GHS website for awareness-raising materials and schedules (http://ghs.cla.gov.tw/).

Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?

In planning.

Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.

- International implementation schedule
- Discrepancies in building blocks approach among economics
- Discrepancies in classification results due to different references
- Scope of full implementation (lack of national chemical substance inventory, a national inventory is in the process of nomination and development)

Industry to complete

Has it been easy to access all necessary information for compliance?

Official GHS website (http://ghs.cla.gov.tw/), GHS Help Desk Service (+886-6-2937770)

Do you see any specific issues that are limiting the progress of GHS implementation?

- Broad international implementation schedule
- Lack of international approach on building block approach

Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.)

- Prepare GHS format MSDS/labelling for specific chemical according to the Regulation of Labelling and Hazard Communication of Dangerous and Harmful Materials
- Designate a hazardous materials communication plan
- Prepare an inventory of hazardous materials
- Provide education and training to workers on the manufacturing, handling, or usage of hazardous materials

What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved?

- To improve protection of labors in workplace.
- International harmonized SDS and labelling elements to facilitate international trade.

How can Governments best help industry with the implementation of GHS?

- Provide 2,000+ GHS format MSDS/labelling examples
- Held 90+ official GHS seminars
- Published e-newsletter to update latest regulatory information and international implementation updates
- Provide phone, FAX and web-based consultation to industries

Consumer Products

| Regulator to comp | olete | | | | | | | |
|--|---|---------------------|-----------|-------------|--------------|---------------|--------------------------------|-------|
| Do you intend to implement GHS for this sector? | | | | | | | | |
| Yes No | | | | | | | | |
| | If Yes , please provide the following details. If No , no further answers are required for the Consumer | | | | | | | |
| Products Section. | | | | | | | | |
| Lead Government Agency Ministry of Economic Affairs (MOEA) | | | | | | | | |
| Contact person | | | | | | | | |
| Phone number | | | | | | | | |
| | | | | | | | | |
| Website | E-mail address | | | | | | | |
| | monto \^ | /hat is th | o ototi | o of logi | olotion / re | aulotor i | potrumente for this costor? | |
| | nents - v | Bills Pa | | is or legi | Procla | | struments for this sector? | |
| ☑ Drafting | o provido | | | to t | | | If proclaimed, date | |
| | | | S OI ac | cess to t | ine Act e.ç | J. WED-IIIIK, | contact person. If not, whe |) I I |
| do you expect it to l | be prociai | meur | | | | | | |
| Transition \//bat | in the stime: | | | ition in t | hia aaataw | <u> </u> | | |
| Transition – What | is the timi | ng ior th | e trans | sition in t | _ | <u>'</u> | | |
| Begin | | | ا داداد ا | | End | | | |
| What arrangements | | iade ava | illable i | or busin | ess in this | pnase? | | |
| No determined yet | | | | | | | | |
| Extent - Do you into | end to ad | opt all ha | azard c | lassifica | tion buildi | ng blocks (| GHS as per the purple book | (? |
| No determined yet | t. | | | | | | | |
| ☐ Yes | | | | | ☐ No | | | |
| | | | | | | | noice is given in the purple | |
| book. E.g. sensitise | rs. If no, p | olease lis | st the b | uilding b | olocks that | t will be ad | opted. | |
| No determined yet | t. | | | | | | | |
| Do you intend to ad | Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | | | | | |
| flammable/combust | tible liquid | ls bevon | d 93 °C |). | | g. c.a.co | | |
| No determined yet. | | | | | | | | |
| ☐ Yes ☐ No | | | | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | | | | |
| No determined yet. | | | | | | | | |
| • | | nt alam | ont ove | rlaid on | top of CH | S classific | ation on the label? If yes, ho | OW/ |
| will it work? | assessine | ont Gienn | CIIL OVE | maid on | top or or i | o classillo | ation on the laber: If yes, no | JVV |
| | | | | | | | | |
| No determined yet. | | | | | | | | |
| Labeling – Will each of the following elements be used on the label and SDS and is there to be a | | | | | | | | |
| maximum number of | | | | | | | | |
| | | | ecified | , please | write "nor | e" next to | "Max" in the appropriate | |
| column. No determ | | ı | | | | | | |
| Pictograms | Label | | | Yes | | No | Max | |
| | SDS | | | Yes | | No | Max | |
| Signal words | Label | | | Yes | | No | Max | |
| | SDS | | | Yes | | ☐ No | Max | |
| Hazard | Label | | | Yes | | ☐ No | Max | |
| statements | | | | | | | | |
| | SDS | ☐ Yes ☐ No Max _ | | | | | | |
| Precautionary | Label | el 🗌 Yes 📗 No Max _ | | Max | | | | |
| statements | | | | | | | | |
| | SDS | ☐ Yes ☐ No Max | | Max | | | | |
| How is the hierarch | y of picto | grams, h | azard: | statemer | nts and pr | ecautionar | y statements defined? | |
| No determined yet | t. | | | | | | | |
| Do you have any ar | rangeme | nts in pla | ace to d | deal with | imported | chemicals | / products? i.e. is there a | |
| plan to implement alternate compliance provisions or "deemed-to comply" provisions and will you | | | | | | | | |
| accept additional classification criteria (GHS or otherwise) not adopted by your economy? | | | | | | | | |
| No determined yet | | | ` | | , | - | • | |
| Deemed-to-comply | | s | Yes | | | | No | |

| Accept additional criteria | ☐ Yes | | □ No | | | | |
|---|--|--------------------------|--------------------------------|--|--|--|--|
| Other arrangements | | | | | | | |
| Please provide a full description | | | | | | | |
| | | | | | | | |
| Do you have training and awarene | ess activities | s planned? If yes, pleas | e provide some information. | | | | |
| | | | | | | | |
| Are there any plans to exchange properties implementation? | ersonnel w | ith another economy to | improve harmonization of GHS | | | | |
| | | | | | | | |
| Please list any specific issues of c implementation efforts. | oncern you | have experienced so fa | ar during your GHS | | | | |
| To adopt hazard or risk based a | pproach? | | | | | | |
| Industry to complete | | | | | | | |
| Has it been easy to access all ned | essary info | rmation for compliance' | ? | | | | |
| No available yet. | | | | | | | |
| Do you see any specific issues that are limiting the progress of GHS implementation? | | | | | | | |
| International harmonization efforts are lacking in this sector. | | | | | | | |
| Please detail the work required by | | | | | | | |
| workload may be reduced. (e.g. Classification and labeling of all products. This workload is more | | | | | | | |
| acceptable if spread over a long in | nplementati | on period. Training of | staff, which if coordinated by | | | | |
| Government, will help industry.) | | | | | | | |
| No available yet. | | | | | | | |
| | What are the expected benefits for industry through the implementation of GHS? Are there any risks | | | | | | |
| that this benefit may not be achieve | | | | | | | |
| It could be a big uncertainty be | cause inter | national harmonizatio | n efforts are lacking in this | | | | |
| sector. | | | | | | | |
| How can Governments best help | | | GHS? | | | | |
| To provide standards in line wit | h internation | onal criteria. | | | | | |

Agriculture

| Regulator to complete | | | | | | | | |
|---|--|--|--------------------------|--|---------------------|--|--|--|
| Do you intend to implement GHS for this sector? | | | | | | | | |
| ∑ Yes □ No | | | | | | | | |
| If Yes , please provide the following details. If No , no further answers are required for the Industrial | | | | | | | | |
| Workplace section. | | | | | | | | |
| Lead Government Agency | Council of A | Council of Agriculture (COA), Executive Yuan | | | | | | |
| Contact person | | | | | | | | |
| Phone number | | | | | | | | |
| E-mail address | 1 11 | | | 1/01: | , | | | |
| Website | | | | (Chinese only | | | | |
| Regulatory Instruments - | Regulatory instruments - What is the status of legislation / regulatory instruments for this sector? | | | | | | | |
| ☑Drafted ☐ | Bills Passed | | Proclaimed | | | | | |
| If proclaimed, please provi | | ccess to | the Act e.g. we | b-iink, contact pe | erson. II not, when | | | |
| do you expect it to be proc | | n work | | | | | | |
| Pending on FAO and WH | | | | | | | | |
| Transition – What is the ti | ming for the tran | Sition in | End | | | | | |
| Begin | mada availabla | for buoi | | 202 | | | | |
| What arrangements will be | | | iness in this pha | Se : | | | | |
| Awareness raising and to | | | otion building b | aaka CUS aa na | r the purple book? | | | |
| Extent - Do you intend to a | adopt all nazard | Classilic | | ocks Gns as pe | i the purple book? | | | |
| | aut off points for | mistura | | anting where the | obojoo jo giyoo jo | | | |
| If yes, please indicate the of the purple book. E.g. sens | | | | | | | | |
| Not determined yet | users. Il 110, piec | 156 1151 1 | ne building bloc | NS triat Will be au | iopieu. | | | |
| Do you intend to adopt any | non-GHS class | ification | critoria? E.a. cl | assification of | | | | |
| flammable/combustible liqu | | | Ciliteria: L.g. Ci | assilication of | | | | |
| Not determined yet | ilus beyond 95 | C . | | | | | | |
| Yes | | | | | | | | |
| | If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | | | |
| in yes, please provide full details of flort-of to criteria being considered for adoption. | | | | | | | | |
| Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how | | | | | | | | |
| will there be a risk assessment element overlaid on top of GHS classification on the laber? If yes, now will it work? | | | | | | | | |
| Not determined yet | | | | | | | | |
| Labeling – Will each of the | following eleme | ents he i | used on the lahe | el and SDS and i | s there to be a | | | |
| maximum number of the fo | | | | | | | | |
| If there are no maximum n | | | | | ne appropriate | | | |
| column. Pending on FAO | | | | | o appropriate | | | |
| | Label | ☐ Y | | No | Max | | | |
| | SDS | | es i | No | Max | | | |
| Signal words | Label | | es [| No | Max | | | |
| - 9 | SDS | | es [| No | Max | | | |
| Hazard statements | Label | | 'es | No | Max | | | |
| 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2 | SDS | | es i | No | Max | | | |
| Precautionary | Label | | es [| No | Max | | | |
| statements | | | | | | | | |
| | SDS | ΠY | es [| No | Max | | | |
| How is the hierarchy of pic | tograms, hazard | | | <u> </u> | nts defined? | | | |
| FAO and WHO criteria | | | ' | <u>, </u> | | | | |
| | | المماد | the the same and a share | : | 0: - :- 41 | | | |
| Do you have any arrangen | | | | | | | | |
| plan to implement alternate | | | | | | | | |
| accept additional classifica | | S or our | erwise) not ado | | nomy? | | | |
| Deemed-to comply provisions Yes No | | | | | | | | |
| Accept additional criteria | ☐ Yes | es 🔲 No | | | | | | |
| Other arrangements | | | | | | | | |
| Please provide a full descr | ription | | | | | | | |
| | | | | | | | | |

Do you have training and awareness activities planned? If yes, please provide some information.

In progress.

Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?

No.

Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.

Pending on FAO and WHO harmonization work.

Industry to complete

Has it been easy to access all necessary information for compliance?

Yes

Do you see any specific issues that are limiting the progress of GHS implementation?

Pending on FAO and WHO harmonization work and adoption in local regulations

Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.)

Training courses based on new reg. and FAO/WHO criteria as possible.

What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved?

How can Governments best help industry with the implementation of GHS?

- Provide 300+ GHS format MSDS examples or safety information
- Held 7 official GHS seminars
- Provide phone, FAX and web-based consultation to industries

Transport

| Regulator to complete | | | | | |
|--|--|--|--|--|--|
| Do you intend to implement Dangerous Goods transport regulations based on the UN "Orange Book", | | | | | |
| or implement GHS for this sector (based on the UN "Purple book") or not at all? | | | | | |
| Please tick one of the following | | | | | |
| ☑ Implement Dangerous Goods (DG) transport regulations based on the UN "Orange Book" | | | | | |
| Implement GHS based on the UN "Purple Book" | | | | | |
| | □ No, do not intend to implement GHS | | | | |
| | If implementing DG transport regulations based on the UN "Orange Book", please complete Section 1 | | | | |
| | based on the UN "Purple Book" please complete Section 1 and 3. If not | | | | |
| | er answers are required for this sector. | | | | |
| Section 1 | , | | | | |
| Please fill out the following d | etails of the government agency responsible for the transport of | | | | |
| chemicals | | | | | |
| Lead Government Agency | Ministry of Transportation and Communications | | | | |
| Contact person | , | | | | |
| Phone number | | | | | |
| E-mail address | | | | | |
| Website | http://www.motc.gov.tw | | | | |
| Only | nttp://www.moto.gov.tw | | | | |
| Section 2 | | | | | |
| | tions based on the UN "Orange Book" in operation in your economy? | | | | |
| Yes | No | | | | |
| | regulation compatible with GHS? Please explain how the interface | | | | |
| | ge Book" based regulation works. If no, please provide the details of the | | | | |
| | | | | | |
| | provide links to relevant legislation, draft legislation and/or other | | | | |
| regulatory information. | | | | | |
| National Standards CNS 6864 adopted UNRTDG 14th 2005 edition in 2006. Amended regulation (Traffic Safety Rule Article 84) has entered into force in April 2008. | | | | | |
| | | | | | |
| Section 3 | | | | | |
| | at is the status of legislation / regulatory instruments for this sector? | | | | |
| Regulatory instruments - Wh | at is the status of legislation / regulatory instruments for this sector? Ils Passed | | | | |
| Regulatory instruments - Wh | Ils Passed | | | | |
| Regulatory instruments - Wh | Ils Passed | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provide | Ils Passed | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provide do you expect it to be proclai | Ils Passed | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provide do you expect it to be proclai Transition – What is the tim | Ils Passed | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provide do you expect it to be proclai Transition – What is the tim Begin | Ils Passed | | | | |
| Regulatory instruments - Who Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not be proclaimed. | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided o you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be no Training courses | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be meaning courses Extent - Do you intend to ad | Ils Passed | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be meaning courses Extent - Do you intend to ade Yes | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not training courses Extent - Do you intend to ad Yes If yes, please indicate the cu | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not training courses Extent - Do you intend to ad Yes If yes, please indicate the cu | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? In a means of access to the Act e.g. web-link, contact person. If not, when med? | | | | |
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| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided o you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be noted a training courses Extent - Do you intend to ad Yes If yes, please indicate the cuthe purple book. E.g. sensitis | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not training courses Extent - Do you intend to ad Yes If yes, please indicate the cut the purple book. E.g. sensitis | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not training courses Extent - Do you intend to add Yes If yes, please indicate the cuthe purple book. E.g. sensitis | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End Pade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No It-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the seyond 93 °C. | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not training courses Extent - Do you intend to added yes. If yes, please indicate the cuthe purple book. E.g. sensitis Do you intend to adopt any reflammable/combustible liquided yes. | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the beyond 93 °C. | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not training courses Extent - Do you intend to added yes. If yes, please indicate the cuthe purple book. E.g. sensitis Do you intend to adopt any reflammable/combustible liquided yes. | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the seyond 93 °C. | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provide do you expect it to be proclai Transition – What is the tim Begin What arrangements will be not a second by the se | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when imed? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the behavior of the service of the servi | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provide do you expect it to be proclai Transition – What is the tim Begin What arrangements will be not a second by the se | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the beyond 93 °C. | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided o you expect it to be proclaimed. Transition – What is the time Begin | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when imed? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the behavior of the service of the servi | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be not training courses Extent - Do you intend to ade yes. If yes, please indicate the cut the purple book. E.g. sensitis. Do you intend to adopt any reflammable/combustible liquided yes. If yes, please provide full det will there be a risk assessment will it work? | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the beyond 93 °C. No ails of non-GHS criteria being considered for adoption. Ent element overlaid on top of GHS classification on the label? If yes, how | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provided do you expect it to be proclaimed. Transition – What is the time Begin What arrangements will be meaning courses Extent - Do you intend to added Yes If yes, please indicate the cuthe purple book. E.g. sensitists Do you intend to adopt any meaning the purple book. E.g. sensitists Will there be a risk assessment will it work? Labeling – Will each of the formal provided the purple formal provided the purple beautiful determined. | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a a means of access to the Act e.g. web-link, contact person. If not, when smed? Ing for the transition in this sector? End | | | | |
| Regulatory instruments - Wh Drafted Bi If proclaimed, please provide do you expect it to be proclai Transition – What is the tim Begin What arrangements will be n Training courses Extent - Do you intend to ad Yes If yes, please indicate the cuthe purple book. E.g. sensitis Do you intend to adopt any n flammable/combustible liquid Yes If yes, please provide full det Will there be a risk assessme will it work? Labeling – Will each of the flamaximum number of the follows. | Ils Passed Proclaimed If proclaimed, date 10/19/2007 a means of access to the Act e.g. web-link, contact person. If not, when med? Ing for the transition in this sector? End nade available for business in this phase? Opt all hazard classification building blocks GHS as per the purple book? No t-off points for mixtures you will be adopting where the choice is given in sers. If no, please list the building blocks that will be adopted. In on-GHS classification criteria? E.g. classification of the beyond 93 °C. No ails of non-GHS criteria being considered for adoption. Ent element overlaid on top of GHS classification on the label? If yes, how | | | | |

| Pictograms | Lab | | \boxtimes | Yes | | | No | Max _ | _none |
|---|---|------------------|-------------|---------------|-------|----------------------|----------------------|------------------|--------------|
| | SDS | | \boxtimes | Yes | | | No | Max _ | <u>none</u> |
| Signal words | Label | | | Yes | | \boxtimes | No | Max _ | |
| | SDS | | \boxtimes | Yes | | | No | Max _ | <u>none</u> |
| Hazard statements | Label | | | Yes | | \times | No | Max _ | |
| | SDS | | \boxtimes | | | | No | Max _ | <u>_none</u> |
| Precautionary statements | Label | | | Yes | | $\underline{\times}$ | No | Max _ | |
| The South of Property of States | SDS | | \boxtimes | Yes | | <u> </u> | No | Max_ | <u>none</u> |
| How is the hierarchy of pictor | gram | s, nazard stat | eme | ents and pre | cau | OII | nary statement | is define | <u>;a?</u> |
| UNRTDG. | -t- :- | | | h : | - l | -:- | م مادر داد مادر مادر |): - :- + | h a v a a |
| Do you have any arrangeme | | | | | | | | | |
| plan to implement alternate of accept additional classification | | | | | | | | | you |
| Deemed-to comply provision | | Yes | Oth | erwise) not a | auup | T | No | iorriy : | |
| Accept additional criteria | | Yes | | | | | ⊠ No | | |
| | | 1es | | | | | ⊠ NO | | |
| Other arrangements | | | | | | | | | |
| Please provide a full descript | ion | | | | | | | | |
| Do you have training and aw | Do you have training and awareness activities planned? If yes, please provide some information. | | | | | | | | |
| Yes, it is in routine courses | | ess activities p | Jiaii | neu: ii yes, | piec | 230 | e provide some | 7 11 11 01 11 16 | allon. |
| Are there any plans to exchange personnel with another economy to improve harmonization of GHS | | | | | | | | | |
| implementation? | | | | | | | | | |
| No | | | | | | | | | |
| Please list any specific issues of concern you have experienced so far during your GHS | | | | | | | | | |
| implementation efforts. | | | | | | | | | |
| Extended coverage of dangerous goods and toxic chemical substance require labeling and | | | | | | | | | |
| SDS (beyond UNRTDG) | | | | | | | | | |
| Industry to complete | | | | | | | | | |
| Has it been easy to access all necessary information for compliance? | | | | | | | | | |
| Toxic Chemical Substance Information Center and GHS website | | | | | | | | | |
| Do you see any specific issues that are limiting the progress of GHS implementation / transport | | | | | | | | | |
| regulation? | | | | | | | | | |
| Update of national standards up to the latest international version | | | | | | | | | |
| Please provide detail of the work required by industry to implement GHS / transport regulations, | | | | | | | | | |
| including information on how this workload may be reduced. (e.g. Classification and labeling of all | | | | | | | | | |
| products. This workload is more acceptable if spread over a long implementation period. Training of | | | | | | | | | |
| staff, which if coordinated by Government, will help industry.) | | | | | | | | | |
| Compliance with national s | tanc | lards and UN | RTI | OG | | | | | |
| What are the expected benef | its fo | or industry thro | ough | the implem | nenta | atio | on of GHS / tra | nsport | |
| regulations? Are there any risks that this benefit may not be achieved? | | | | | | | | | |
| Harmonization among avia | | | | | | | | | |
| How can governments best h | nelp i | ndustry with th | he ii | mplementati | on c | of (| GHS / transpor | t regulat | tions? |
| Training and Information center technical support | | | | | | | | | |

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to complement the UN reporting by APEC member economies, by providing a practical insight into the progress of GHS implementation in each member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008.

The intent of this template is to identify the progress of GHS implementation in each economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access the document should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

General

| Please provide the Econo | my for which this Templa | te is completed below. | | |
|--|---|--|--|--|
| Hong Kong, China (HKC) | | | | |
| Does your Economy intend to adopt and implement GHS for any chemical sector in the near future | | | | |
| (Starting work within the r | | | | |
| Yes [Note: HKC intend | | ☐ No | | |
| the industrial sector ar | • | | | |
| schedule is to be finali | | | | |
| sector, certain local harmonised with part o | • | | | |
| symbols of dangerous go | | | | |
| Please refer to section | | | | |
| details.] | Transport bolow for | | | |
| actaile. ₁ | | | | |
| If yes, go to next question | . If no, no further answer | s are required. | | |
| Is there an overall strateg | ic plan for GHS implemer | ntation? | | |
| Yes | | □ No | | |
| If yes, where can it be fou | If yes, where can it be found? Please list websites, attach documents, etc. | | | |
| | | | | |
| | | | | |
| | dinator to facilitate implen | nentation discussions within your economy? | | |
| Yes | | │ | | |
| If yes, please fill out the fo | pllowing information for th | e coordinator: | | |
| Organisation / Agency | | | | |
| Name | | | | |
| Phone number | | | | |
| E-mail address | | | | |
| Website | | | | |
| Do you have a hazard cla | ssification database? | | | |
| Yes | | □ No | | |
| it yes, is it mandatory clas | ssification, or for informati | on only? How do you access the database? | | |
| | | | | |
| | | | | |

Industrial Workplace

| Regulator to complete | | | | |
|---|---|--|--|--|
| Do you intend to implement GHS for this sector? | | | | |
| ☑ Yes □ No | | | | |
| If yes, please provide the | following details. If no, no further answers are required for this section. | | | |
| Lead Government | Labour Department | | | |
| Agency | · | | | |
| Contact person | CHOI Kai-yip | | | |
| Phone number | (852) 2975 6408 | | | |
| E-mail address | DSO-D-1@labour.gov.hk | | | |
| Website | No | | | |
| When do you plan to imple | ement GHS for this sector? | | | |
| To be finalized | | | | |
| How long is the phase in p | period and what are the transition arrangements? | | | |
| In line with majority men | | | | |
| | legislation and GHS during transitional period | | | |
| | slations implementing GHS finalized and in operation? | | | |
| Yes | | | | |
| If yes, please provide a mo | eans of access to the document. E.g. web-link, contact person. If no, when | | | |
| do you expect it to be final | | | | |
| | ation is ready for enactment | | | |
| | hazard classification building blocks GHS as is written in the purple book? | | | |
| ☐ Yes | ☑ No | | | |
| | cut-off points you will be adopting where the choice is given in the purple | | | |
| | o, please describe the building blocks that will be adopted. | | | |
| | hazard blocks that are relevant to existing legislation will be adopted. | | | |
| Do you intend to adopt an | y non-GHS classification criteria? E.g. classification of | | | |
| flammable/combustible liq | | | | |
| Yes | Mo No | | | |
| | details of non-GHS criteria being considered for adoption. | | | |
| il yes, piease provide fuil c | details of horr-or is criteria being considered for adoption. | | | |
| Will there he a rick assess | ment element overlayed on top of GHS classification on the label? If yes, | | | |
| how will it work? | | | | |
| Under review | | | | |
| | number of the following included on the SDS and the label? | | | |
| Pictograms | In line with existing statutory requirements | | | |
| Hazard statements | In line with existing statutory requirements | | | |
| Precautionary | In line with existing statutory requirements | | | |
| statements | in time with existing statutory requirements | | | |
| | ctograms, hazard statements and precautionary statements defined? | | | |
| | ication or redundancy of information | | | |
| | ments in place to deal with imported chemicals / products? i.e. is there a | | | |
| | e compliance provisions or "deemed-to comply" provisions and will you | | | |
| | ation criteria (GHS or otherwise) not adopted by your economy? | | | |
| Yes | stion chiena (On O otherwise) not adopted by your economy: | | | |
| | awareness activities planned? If was places provide some information | | | |
| Do you have training and awareness activities planned? If yes, please provide some information. Yes, training and awareness seminars planned | | | | |
| | change personnel with another economy to improve harmonization of GHS | | | |
| implementation? | Trange personner with another economy to improve harmonization of Orio | | | |
| A subject matter to be co | onsidered | | | |
| | ues of concern you have experienced so far during your GHS | | | |
| implementation efforts. | add of domestry you have expendenced so far during your of to | | | |
| Differences in adoption | of building blocks among member economies | | | |
| Industry to complete | or surraing stooms among member coontinues | | | |
| | s all necessary information for compliance? | | | |
| rias it been easy to acces | an necessary information for compliance: | | | |
| | | | | |

Consumer Products

| Regulator to complete | | |
|--------------------------------|-------------------------------|--|
| Do you intend to impleme | nt GHS for this sector? | |
| Yes | | ☑ No |
| If ves. please provide the | following details. If no. no. | further answers are required for this sector. |
| Lead Government | | The state of the s |
| Agency | | |
| Contact person | | |
| Phone number | | |
| E-mail address | | |
| Website | | |
| When do you plan to imple | ement GHS for this secto | r? |
| | | |
| | | |
| How long is the phase in p | period and what are the tr | ansition arrangements? |
| | | |
| | | |
| Are the main relevant legi | slations finalized? | |
| ∐ Yes | | ∐ No |
| | | cument. E.g. web-link, contact person. If no, when |
| do you expect it to be fina | lized? | |
| | | |
| Do you intend to adopt all | hazard alassification buil | ding blocks GHS as is written in the purple book? |
| Yes | Tiazaru Ciassilication buli | |
| | cut off points you will be | adopting where the choice is given in the purple |
| | | ilding blocks that will be adopted. |
| book. E.g. serisitisers. If it | o, please describe the bu | liding blocks that will be adopted. |
| | | |
| Do you intend to adopt an | y non-GHS classification | criteria? E.g. classification of |
| flammable/combustible lic | uids beyond 93 °C | ontona. E.g. oldoomodilon of |
| Yes | larae zekerra ee er | □No |
| | details of non-GHS criteri | a being considered for adoption. |
| y 00, p.0000 p.01.00 .u | | a some ground out a doption. |
| | | |
| Will there be a risk assess | sment element overlaved | on top of GHS classification on the label? If yes, |
| how will it work? | | ,, |
| | | |
| | | |
| Is there to be a maximum | number of the following is | ncluded on the SDS and the label? |
| Pictograms | | |
| Hazard statements | | |
| Precautionary | | |
| statements | | |
| How is the hierarchy of pie | ctograms, hazard stateme | ents and precautionary statements defined? |
| | | |
| | | |
| | | h imported chemicals / products? i.e. is there a |
| | | or "deemed-to comply" provisions and will you |
| accept additional classific | ation criteria (GHS or othe | erwise) not adopted by your economy? |
| | | |
| | | 10.16 |
| Do you have training and | awareness activities plan | ned? If yes, please provide some information. |
| | | |
| Are there any plans to evo | hange personnel with an | other economy to improve harmonization of GHS |
| implementation? | mango poroonnoi with an | canon deditionly to improve narmonization of OHO |

| Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. |
|--|
| |
| Industry to complete |
| Has it been easy to access all necessary information for compliance? |
| |
| Do you see any specific issues that are limiting the progress of GHS implementation? |
| |
| What are the expected costs for industry in the implementation of GHS? |
| |
| What are the expected benefits for industry through the implementation of GHS? |
| |

Agriculture

| Regulator to complete | | |
|--------------------------------|-------------------------------|--|
| Do you intend to impleme | nt GHS for this sector? | |
| Yes | | ☑ No |
| If ves. please provide the | following details. If no. no. | o further answers are required for this sector. |
| Lead Government | | |
| Agency | | |
| Contact person | | |
| Phone number | | |
| E-mail address | | |
| Website | | |
| When do you plan to imple | ement GHS for this secto | r? |
| | | |
| | | |
| How long is the phase in p | period and what are the tr | ansition arrangements? |
| | | |
| | | |
| Are the main relevant legi | slations finalized? | |
| ∐ Yes | | ∐ No _ |
| | | cument. E.g. web-link, contact person. If no, when |
| do you expect it to be fina | lized? | |
| | | |
| Do you intend to adopt all | hazard alassification buil | ding blocks GHS as is written in the purple book? |
| Yes | nazaru ciassincation buil | |
| | cut off points you will be | adopting where the choice is given in the purple |
| | | ilding blocks that will be adopted. |
| book. E.g. serisitisers. If it | o, please describe the bu | iliding blocks that will be adopted. |
| | | |
| Do you intend to adopt an | y non-GHS classification | criteria? E.g. classification of |
| flammable/combustible lic | uids beyond 93 °C | ontona. E.g. diagonioation of |
| Yes | larae zekerra ee er | □No |
| | details of non-GHS criteri | a being considered for adoption. |
| , 00, p.0000 p.01.00 | | a soming common out to a deprison |
| | | |
| Will there be a risk assess | sment element overlaved | on top of GHS classification on the label? If yes, |
| how will it work? | | ,, |
| | | |
| | | |
| Is there to be a maximum | number of the following is | ncluded on the SDS and the label? |
| Pictograms | | |
| Hazard statements | | |
| Precautionary | | |
| statements | | |
| How is the hierarchy of pie | ctograms, hazard stateme | ents and precautionary statements defined? |
| • | | · |
| | | |
| | | h imported chemicals / products? i.e. is there a |
| | | or "deemed-to comply" provisions and will you |
| accept additional classific | ation criteria (GHS or othe | erwise) not adopted by your economy? |
| | | |
| | | |
| Do you have training and | awareness activities plan | ned? If yes, please provide some information. |
| | | |
| Are there any plane to ave | change personnel with an | other economy to improve harmonization of GHS |
| implementation? | mange personner with an | outer coording to improve narmonization of GHS |

| Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. |
|--|
| |
| Industry to complete |
| Has it been easy to access all necessary information for compliance? |
| |
| Do you see any specific issues that are limiting the progress of GHS implementation? |
| |
| What are the expected costs for industry in the implementation of GHS? |
| |
| What are the expected benefits for industry through the implementation of GHS? |
| |

Transport

regulatory information.

Regulator to complete Do you intend to implement GHS for this sector (based on the UN "Purple book"), or implement Dangerous Goods transport regulations based on the UN "Orange Book" or not at all? (Please tick one of the following three boxes) ☑ Implement Dangerous Goods (DG) transport regulations based on the UN "Orange Book" **International Maritime Dangerous G** Implement GHS based on the UN "Purple Book" No, do not intend to implement GHS If implementing DG transport regulations based on the UN "Orange Book", please complete Section 1 and 2. If implementing GHS based on the UN "Purple Book" please complete Section 1 and 3. If not implementing either, no further answers are required for this sector. Section 1 Please fill out the following details of the government agency responsible for the transport of chemicals Fire Services Department (for dangerous goods on land) Lead Government Marine Department (for dangerous goods at sea) Agency Mr. Patrick LEUNG Wai-hung (Fire Services Department) Contact person Mr. Ivan SHUEN Chi-keung (Marine Department) 852- 2733 7596 (Fire Services Department) Phone number 852- 2852 4538 (Marine Department) E-mail address lcpolic2@hkfsd.gov.hk (Fire Services Department) ivanshuen@mardep.gov.hk (Marine Department) http://www.hkfsd.gov.hk/ (Fire Services Department) Website http://www.mardep.gov.hk/ (Marine Department) Only Section 2 Do you currently have regulations based on the UN "Orange Book" in operation in your economy? **☑** No If yes, is this transport sector regulation compatible with GHS? Please explain how the interface between GHS and UN "Orange Book" based regulation works. If no, please provide the details of the implementation plan. Please provide links to relevant legislation, draft legislation and/or other

The Fire Services Department of the Government of the Hong Kong Special Administrative Region is the authority under the Dangerous Goods Ordinance to have control over road transport of dangerous goods in HKC. Subsidiary legislation of the Ordinance is being amended and is anticipated to be completed in 2012. Under the amendment, classification and labeling systems of dangerous goods in HKC will be modeled on the International Maritime Dangerous Goods Code which is consistent with the UN Recommendations on Transport of Dangerous Goods, Model Regulations. As danger labels of the UN Recommendations on Transport of Dangerous Goods, Model Regulations are also required by GHS for transport of dangerous goods, the local requirements of HKC for danger labels for road transport of dangerous goods will be harmonized with part of GHS on hazard symbols of dangerous goods where appropriate. Nevertheless, the Hong Kong Fire Services Department has no intention so far to implement GHS for land transport of dangerous goods or chemicals in HKC.

The Marine Department of the Government of the Hong Kong Special Administrative Region is the authority under the Dangerous Goods Ordinance to control marine transport of dangerous goods in HKC. It has already adopted the International Maritime Dangerous Goods (IMDG) Code for the classification and labeling of dangerous goods. The marine transport of dangerous goods in HKC may, therefore, harmonize with part of the GHS on hazard symbols of dangerous goods where appropriate.

Section 3 When do you plan to implement GHS for this sector? How long is the phase in period and what are the transition arrangements?

Formatted: Font: Italic

| Are the main relevant legi- | slations finalized? | | | |
|---|---|--|--|--|
| Yes | □ No | | | |
| If yes, please provide a m | eans of access to the document. E.g. web-link, contact person. If no, when | | | |
| do you expect it to be fina | ilzed? | | | |
| | | | | |
| | hazard classification building blocks GHS as is written in the purple book? | | | |
| Yes | | | | |
| | cut-off points you will be adopting where the choice is given in the purple o, please describe the building blocks that will be adopted. | | | |
| • | · · · · · · · · · · · · · · · · · · · | | | |
| Do you intend to adopt an | y non-GHS classification criteria? E.g. classification of | | | |
| flammable/combustible liq | | | | |
| Yes | □ No | | | |
| If yes, please provide full | details of non-GHS criteria being considered for adoption. | | | |
| , , | | | | |
| | | | | |
| Will there be a risk assess how will it work? | sment element overlayed on top of GHS classification on the label? If yes, | | | |
| | | | | |
| La thana ta ha a mandanina | and the second the fellowing in about a dead on the CDO and the label 10 | | | |
| Pictograms | number of the following included on the SDS and the label? | | | |
| Hazard statements | | | | |
| Precautionary | | | | |
| statements | | | | |
| How is the hierarchy of pic | ctograms, hazard statements and precautionary statements defined? | | | |
| | | | | |
| De very have any arrenge | | | | |
| | ments in place to deal with imported chemicals / products? i.e. is there a te compliance provisions or "deemed-to comply" provisions and will you | | | |
| accept additional classification criteria (GHS or otherwise) not adopted by your economy? | | | | |
| accept additional olacomor | stori oriena (erre or otherwise) not adopted by your coorienty. | | | |
| | | | | |
| Do you have training and | awareness activities planned? If yes, please provide some information. | | | |
| | | | | |
| Are there any plane to eve | change personnel with another economy to improve harmonization of GHS | | | |
| implementation? | mange personner with another economy to improve narmonization of Gris | | | |
| | | | | |
| | | | | |
| | sues of concern you have experienced so far during your GHS | | | |
| implementation efforts. | | | | |
| | | | | |
| Industry to complete | | | | |
| | s all necessary information for compliance? | | | |
| | | | | |
| Do you and any anadific is | aryon that are limiting the progress of CLIC implementation / transport | | | |
| regulation? | ssues that are limiting the progress of GHS implementation / transport | | | |
| . ogulation i | | | | |
| | | | | |
| What are the expected co | sts for industry in the implementation of GHS / transport regulations? | | | |
| | | | | |

What are the expected benefits for industry through the implementation of GHS $\!\!\!/$ transport regulations?

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to provide a practical insight into the progress of GHS implementation in each APEC member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008. This report is intended to complement the UN GHS reporting.

The intent of this template is to identify the progress of GHS implementation in each member economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between member economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating member economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC member economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access these documents should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

If you require any assistance on filling out the template, please contact the Catherine Oh of the Virtual Working Group on GHS at coh@accord.asn.au.

General

- METI also developed the computer software for GHS classification of mixtures, which is available in Japanese and English. By inputting the GHS classification results of substances in the software, the classification of the mixture is judged and delivered automatically based on the ratio of substances in the mixture. Japan modified the software for reflecting the 2nd revision of GHS Purple Book and 'Building Block approach' in Japan in 2010. Japan also prepared the software for JIS version. (http://www.meti.go.jp/policy/chemical_management/int/ghs_auto_classification_tool_ver3

_download.html)

Industrial Workplace

| Regulator to complete | | | | | |
|---|---------------------------------|------------|-------------------------|---------------|---------------------------|
| Do you intend to implement GHS for this sector? | | | | | |
| ■ Yes □ No | | | | | |
| If Yes , please provide the following details. If No , no further answers are required for the Industrial | | | | | |
| Workplace section. | T | | | | |
| Lead Government | Ministry of Health | h, Labo | ur and Welfare | | |
| Agency | | | | | |
| Contact person | Mr. Hisao YAMAO | GUCHI | | | |
| Phone number | +81-3-3502-6756 | | | | |
| E-mail address | yamaguchi-hisac | | v.go.jp | | |
| Website | http://www.mhlw | | alatian / na audatan di | | tan thin an atom |
| Regulatory instruments | | | | | |
| ☐ Drafted | ☐ Bills Passed | | Proclaimed | 2006 | ed, date_ <u>Oct. 20.</u> |
| If proclaimed, please provide you expect it to be pro | claimed? | | | | rson. If not, when |
| Web-link (http://www.n | nhlw.go.jp/topics/b | oukyoku | ı/roudou/ghs/inde | x.html) | |
| Transition – What is the | timing for the transit | tion in th | nis sector? | | |
| Begin _December 2006 | | | End _ December 20 | | |
| What arrangements will b | e made available fo | r busine | ess in this phase? | | |
| - | | | · | | |
| Extent - Do you intend to | adopt all hazard cla | assificat | ion building blocks | GHS as per | the purple book? |
| ■ Yes | adopt an Hazara or | | No | <u> </u> | and parpie book. |
| If yes, please indicate the | cut-off points for m | iytures v | □ ···• | where the c | choice is diven in |
| the purple book. E.g. sens | sitisers. If no, please | e list the | building blocks that | t will be ado | pted. |
| Cut-off values are listed | for 99 substances fo | or labell | ling and 640 substa | nces for del | ivering MSDS |
| under the Ordinance on Industrial Safety and Health | | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | | | |
| flammable/combustible liquids beyond 93 °C. | | | | | |
| ☐ Yes ■ No | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | |
| | | | | | |
| | | | | | |
| Will there be a risk assess | sment element over | laid on t | top of GHS classific | ation on the | label? If yes, how |
| will it work? | | | | | |
| No | | | | | |
| | | | | | |
| Labeling – Will each of the | | | | SDS and is | there to be a |
| maximum number of the t | | | | "A A 22 : (I | |
| If there are no maximum | numbers specified, _l | piease v | write "none" next to | "Max" in the | appropriate |
| column. | Labal | | | | NA |
| Pictograms | Label | Yes | | | Max |
| | SDS | ☐ Yes | | | Max |
| Signal words | Label | ☐ Yes | s ■ No | | Max |
| | SDS | ☐ Yes | s No | | Max |
| Hazard statements | Label | ☐ Yes | s No | | Max |
| | SDS | ☐ Yes | s No | | Max |
| Precautionary | Label | ☐ Yes | | | Max |
| statements | | | _ | | |
| | SDS | ☐ Yes | s I No | | Max |
| How is the hierarchy of pi | | | | v statement | |
| As prescribed by GHS1. | | tatomen | no ana procautional | y otatoment | o dominou: |
| in processing by Grid is | 0.0.0 | | | | |

| | liance provisions ("deem | ted chemicals / products? i.e. is there a ed-to comply" provisions) and will you not adopted by your economy? | | |
|--|----------------------------|---|--|--|
| Deemed-to comply provisions | Yes | ■ No | | |
| Accept additional criteria | ☐ Yes | ■ No | | |
| Other arrangements Please provide a full description | - | | | |
| · | ess activities planned? If | yes, please provide some information. | | |
| No | | | | |
| Are there any plans to exchange properties implementation? | personnel with another ed | conomy to improve harmonization of GHS | | |
| No | | | | |
| Please list any specific issues of c implementation efforts. | concern you have experie | enced so far during your GHS | | |
| - | | | | |
| Industry to complete | | | | |
| Has it been easy to access all ned | cessary information for co | ompliance? | | |
| | | | | |
| Do you see any specific issues that are limiting the progress of GHS implementation? | | | | |
| | | | | |
| Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) | | | | |
| | | | | |
| What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved? | | | | |
| | | | | |
| How can governments best help i | ndustry with the impleme | ntation of GHS? | | |
| | | | | |

Consumer Products

| Regulator to comp | | | | | |
|------------------------------|--|---------------------------|-------------------------------|-----------------------------------|--|
| Do you intend to im | plement GHS for | or this sector? | | | |
| ☐ Yes | | | ■ No | | |
| If Yes , please provi | de the following | details. If No , i | no further answers a | re required for the Consumer | |
| Products Section. | | | | | |
| Lead Government | Ministry | of Economy, | Trade and Industry | 1 | |
| Agency | | | • | | |
| Contact person | Ms. Sat | omi MOROHA | SHI | | |
| Phone number | | 501-0080 | _ | | |
| E-mail address | | shi-satomi@m | neti.go.ip | | |
| Website | | ww.meti.go.jp/ | | | |
| | | | | instruments for this sector? | |
| ☐ Drafting | | Passed | Proclaimed | If proclaimed, date | |
| | | | | nk, contact person. If not, when | |
| do you expect it to l | | ans or access to | Tille Act e.g. web-iii | ik, contact person. If not, when | |
| do you expect it to i | be proclaimed: | | | | |
| | | | | | |
| Transition – What | is the timing for | the transition in | thic coctor? | | |
| | is the tilling for | the transition if | End | | |
| Begin | will be made o | voilable for bus | iness in this phase? | | |
| vvnat arrangements | will be made a | valiable for bus | iness in this phase? | | |
| | | | | | |
| Futant Davisiat | | hannal alaasii: | antina di cilatta a la la alc | OLIC as as the assumble health | |
| | end to adopt all | nazard classific | | s GHS as per the purple book? | |
| Yes | | | No No | | |
| | | | | choice is given in the purple | |
| book. E.g. sensitise | rs. If no, please | list the building | blocks that will be a | adopted. | |
| | | | | | |
| | | | | | |
| | | | riteria? E.g. classi | fication of | |
| flammable/combust | ible liquids beyo | ond 93 °C. | T | | |
| | ☐ Yes ☐ No | | | | |
| If yes, please provid | If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | |
| | | | | | |
| | | | | | |
| | assessment ele | ment overlaid c | n top of GHS classif | ication on the label? If yes, how | |
| will it work? | | | | | |
| | | | | | |
| | | | | | |
| Labeling – Will each | h of the followir | ng elements be | used on the label ar | d SDS and is there to be a | |
| | | | SDS and the label? | | |
| If there are no maxi | imum numbers : | specified, pleas | e write "none" next t | o "Max" in the appropriate | |
| column. | | | | | |
| Pictograms | Label | ☐ Yes | ☐ No | Max | |
| | SDS | ☐ Yes | ☐ No | Max | |
| Signal words | Label | ☐ Yes | ☐ No | Max | |
| | SDS | ☐ Yes | ☐ No | Max | |
| Hazard | Label | Yes | □ No | Max | |
| statements | | | | | |
| | SDS | ☐ Yes | □ No | Max | |
| Precautionary | Label | ☐ Yes | □ No | Max | |
| statements | | | | | |
| | SDS | Yes | □No | Max | |
| How is the hierarch | | | | ary statements defined? | |
| | , 2. p.0.09141110 | , | and probability | | |
| | | | | | |
| Do you have any ar | rangements in | nlace to deal wi | th imported chemics | ils / products? i.e. is there a | |
| | | | | oly" provisions and will you | |
| L biait to implement a | incinate compile | ande provisions | or decined-to com | ny provisions and will you | |

| accept additional classification cr | iteria (G | HS or otherwise) not adopted | d by your economy? | |
|--|------------|--------------------------------|--------------------------------------|--|
| Deemed-to-comply provisions | ☐ Ye | 6 | □No | |
| Accept additional criteria | ☐ Ye | 5 | □ No | |
| Other arrangements | | | | |
| Please provide a full description | | | | |
| Day to the state of the state o | | ''' | | |
| Do you have training and awaren | ess activ | rities planned? If yes, please | provide some information. | |
| | | | | |
| Are there any plans to exchange | nersonn | el with another economy to i | mprove harmonization of GHS | |
| implementation? | p 0.00 | o aoo. ooo, .o . | | |
| • | | | | |
| | | | | |
| Please list any specific issues of | concern | you have experienced so fa | r during your GHS | |
| implementation efforts. | | | | |
| | | | | |
| Industry to complete | | | | |
| Has it been easy to access all ne | cessary | information for compliance? | _ | |
| GHS for consumer products is not | | | | |
| to be much important and several | guidance | e documents and other tools | are available. | |
| | | | | |
| As for consumer products, the interest of the consumer products and the consumer products are the consumer products. | | = | | |
| (Annex 5) for consumer products | | _ | as prepared in 2008. The English | |
| version of guidance document is a | | | aulation to al for consumer | |
| http://www.safe.nite.go.jp/english/ products has been published; the | | | | |
| the Risk Assessment of Consume | | | | |
| | | | | |
| Association developed the guidance document for their products http://jsda.org/w/e_engls/e_ghs01.html , and as a different toll. | | | | |
| and do a different tem | | | | |
| It is easy to access the information | n for an e | expert of GHS in Japan. | | |
| | | | | |
| Do you see any specific issues the | ot oro li | miting the progress of CUS is | | |
| , , | | <u> </u> | • | |
| Lack of experts to classify | anu iau | ei consumer products, esp | Decially III SIVIES | |
| Please detail the work required b | v industr | v to implement GHS, includi | ng information on how this | |
| workload may be reduced. (e.g. (| | | | |
| acceptable if spread over a long | | | | |
| Government, will help industry.) | р.сс | maneri perieur Training er e | ian, milen ii eceramatea sy | |
| | first bo | x) contributed industry not | t only to reduce their workload | |
| but also to effectively impl | | | | |
| stakeholders' confusion for | or labelli | ng results of similar type of | of products. | |
| | | | | |
| What are the expected benefits for | | ry through the implementation | on of GHS? Are there any risks | |
| that this benefit may not be achie | | -1 | de also la milional a Chafa musa Can | |
| | | | de similar level of information | |
| | n your | products and make consu | mers/other stakeholders to | |
| rely upon the products. | | | | |
| How can governments best help | industry | with the implementation of G | HS? | |
| | | | nical guidance to implement | |
| GHS. | | | garaariee te iiipioiiiolit | |
| | | | | |

economies.

Agriculture

| Regulator to complete | | | | | | |
|---|-------------------------|--------------|--------------------|-----------|-------------------|------------------------------|
| Do you intend to impleme | nt GHS for this sect | tor? | | | | |
| ☐ Yes | | | ■ No | | | |
| If Yes, please provide the | following details. If | No | , no further a | nswers | are required t | for the Industrial |
| Workplace section. | | | | | • | |
| Lead Government | Ministry of Agrice | ultu | re, Forestry | , and F | isheries | |
| Agency | | | | • | | |
| Contact person | Mr. Tomohiro ISH | HIOI | KA | | | |
| position position | Mr. Sadami SUZU | | | | | |
| Phone number | +81-3-3501-3767 | | | | | |
| E-mail address | ghs-agri@nm.ma | aff.a | o.ip | | | |
| Website | http://www.maff.g | | | | | |
| Regulatory instruments | | | | egulate | ory instruments | s for this sector? |
| ☐ Drafted | Bills Passed | . | Procla | aimed | If proclair | |
| If proclaimed, please prov | | 229 | | | | |
| do you expect it to be pro- | | .033 | to the Act C. | g. wcb | mik, contact p | Cison. Il fiot, which |
| do you expect it to be pro- | ciairrieu : | | | | | |
| | | | | | | |
| Transition – What is the | timing for the transit | tion | in this sector | .2 | | |
| Begin | unning for the transit | liOII | End | <u>:</u> | | |
| What arrangements will b | a mada ayailahla fa | ır bı | | n n h n n | | |
| What arrangements will b | e made avaliable id | אט וע | 15111655 111 11115 | s priase | ð ! | |
| | | | | | | |
| Extent Do you intend to | adapt all bazard al | i | fication buildi | na blo | aka CHC aa na | ur tha nurrola haale? |
| Extent - Do you intend to | adopt all hazard cla | assi | | ng bio | cks GHS as pe | er the purple book? |
| Yes | | | | | Cara bass das | all all and a second and the |
| If yes, please indicate the | | | | | | |
| the purple book. E.g. sens | sitisers. If no, please | e lis | t the building | blocks | s that will be ac | lopted. |
| | | | | | | |
| | | | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | | | | |
| flammable/combustible liquids beyond 93 °C. | | | | | | |
| ☐ Yes ☐ No | | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | | |
| | | | | | | |
| | | | | | | |
| Will there be a risk assess | sment element over | laid | on top of GH | IS clas | sification on th | e label? If yes, how |
| will it work? | | | | | | |
| | | | | | | |
| | | | | | | |
| Labeling – Will each of th | | | | | | is there to be a |
| maximum number of the f | | | | | | |
| If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate | | | | | | |
| column. | | | | | | |
| Pictograms | Label | | Yes | | No | Max |
| | SDS | | Yes | | No | Max |
| Signal words | Label | | Yes | | No | Max |
| | SDS | | Yes | | No | Max |
| Hazard statements | Label | | Yes | | No | Max |
| | SDS | Ī | Yes | | No | Max |
| Precautionary | Label | ┢ | Yes | | No | Max |
| statements | 2450. | | , 100 | | 110 | Wax |
| Statomonto | SDS | \vdash | Yes | \dashv | No | Max |
| How is the hierarchy of ni | | toto | | ecanti | | |
| How is the hierarchy of pictograms, hazard statements and precautionary statements defined? | | | | | | |
| | | | | | | |
| Do you have any arrence | monto in place to d | 00l· | with imported | ohom: | aala / pradusta | 2 i a ia thara a |
| Do you have any arrange | | | | | | |

| accept additional classification cri | teria (GHS or otherwise) not adop | ted by your economy? | | |
|--|---|--------------------------------|--|--|
| Deemed-to comply provisions | Yes | □ No | | |
| Accept additional criteria | Yes | □ No | | |
| Other arrangements | | | | |
| Please provide a full description | | | | |
| Do you have training and awaren | l ess activities planned? If yes, plea | se provide some information. | | |
| | | | | |
| Are there any plans to exchange implementation? | personnel with another economy t | o improve harmonization of GHS | | |
| | | | | |
| Please list any specific issues of cimplementation efforts. | concern you have experienced so | far during your GHS | | |
| | | | | |
| Industry to complete | | | | |
| Has it been easy to access all nee | cessary information for compliance | e? | | |
| | | | | |
| Do you see any specific issues that are limiting the progress of GHS implementation? | | | | |
| | | | | |
| | required by industry to implement | | | |
| how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated | | | | |
| by Government, will help industry | | g o. cia,o cocraa.cc | | |
| | | | | |
| What are the expected benefits for industry through the implementation of GHS? Are there any risks | | | | |
| that this benefit may not be achieve | ved? | | | |
| | | | | |
| How can governments best help i | ndustry with the implementation o | f GHS? | | |
| | | | | |

Transport

| Possulator to complete | | | |
|--|---|--|--|
| Regulator to complete | ant Donardon Conde transport of societies a based on the LINI "Occurs Donals" | | |
| | ent Dangerous Goods transport regulations based on the UN "Orange Book", | | |
| | s sector (based on the UN "Purple book") or not at all? | | |
| Please tick one of the foll | | | |
| | s Goods (DG) transport regulations based on the UN "Orange Book" | | |
| | ed on the UN "Purple Book" | | |
| No, do not intend to | | | |
| | port regulations based on the UN "Orange Book", please complete Section 1 | | |
| | HS based on the UN "Purple Book" please complete Section 1 and 3. If not | | |
| implementing either, no fo | urther answers are required for this sector. | | |
| Section 1 | | | |
| Please fill out the followin | g details of the government agency responsible for the transport of | | |
| chemicals | | | |
| Lead Government | (by sea) Inspection and Measurement Division, Maritime Bureau, | | |
| Agency | Ministry of Land, Infrastructure, Transport and Tourism | | |
| Contact person | (by sea) Mr. Shinichi KIGAWA | | |
| Phone number | (by sea) +81-3-5253-8639 | | |
| E-mail address | (by sea) kigawa-s565f@mlit.go.jp | | |
| Website | http://www.mlit.go.jp/ | | |
| Lead Government | (by air)Flight Standards Division Civil Aviation Bureau Ministry of | | |
| Agency | Land, Infrastructure and Transport | | |
| Contact person | (by air)Mr. Masafumi MACHIDA | | |
| Phone number | (by air)+81-3-5253-8731 | | |
| E-mail address | (by air)machida-m2yi@mlit.go.jp | | |
| Website | http://www.mlit.go.jp/ | | |
| Only | p | | |
| Section 2 | | | |
| | gulations based on the UN "Orange Book" in operation in your economy? | | |
| ■ Yes | No | | |
| | | | |
| | ctor regulation compatible with GHS? Please explain how the interface | | |
| | Orange Book" based regulation works. If no, please provide the details of the | | |
| | ase provide links to relevant legislation, draft legislation and/or other | | |
| regulatory information. | 1 | | |
| | dangerous goods by sea is harmonized with the International Maritime | | |
| | MDG) code. Classification and labeling systems of dangerous goods of | | |
| | itime Dangerous Goods Code is consistent with them of the UN | | |
| "Orange Book". | | | |
| | dangerous goods by air is harmonized with the International Civil | | |
| | n Technical Instruction (ICAO-TI). The classification and the labeling | | |
| systems of dangerous goods by the ICAO-TI are consistent with them of the UN "Orange | | | |
| Book". | | | |
| | | | |
| Section 3 | | | |
| Regulatory instruments - | What is the status of legislation / regulatory instruments for this sector? | | |
| ☐ Drafted | ☐ Bills Passed ☐ Proclaimed ☐ If proclaimed, date | | |
| If proclaimed, please prov | vide a means of access to the Act e.g. web-link, contact person. If not, when | | |
| do you expect it to be pro | claimed? | | |
| | | | |
| | | | |
| Transition - What is the | timing for the transition in this sector? | | |
| Begin | End | | |
| | be made available for business in this phase? | | |
| | · | | |
| | | | |
| Extent - Do you intend to | adopt all hazard classification building blocks GHS as per the purple book? | | |
| Yes | □ No | | |

| If yes, please indicate the cut-off points for mixtures you will be adopting where the choice is given in the purple book. E.g. sensitisers. If no, please list the building blocks that will be adopted. | | | | | | |
|---|-----------|---|-----------------|--------------|-------------------------|---------------------------|
| the purple book. E.g. serishisers. If the, please list the building blocks that will be adopted. | | | | | | |
| Do you intend to adopt a | | | tion criteria? | E.g. cla | ssification | of |
| flammable/combustible li | quias be | yona 93 °C. | No | | | |
| If yes, please provide full | details d | of non-GHS co | | onsider | ed for ador | otion |
| ii yes, piedse provide idii | uctans (| or flori Orio ci | iteria beirig e | orisiaci | cu ioi auo _i | Juon. |
| | | | | | | |
| Will there be a risk asses will it work? | sment e | lement overla | id on top of G | SHS cla | ssification (| on the label? If yes, how |
| | | | | | | |
| Labeling - Will each of t | he follow | ing elements | be used on t | he label | and SDS | and is there to be a |
| maximum number of the | | | | | | |
| If there are no maximum | numbers | s specified, pl | ease write "n | one" ne | xt to "Max" | in the appropriate |
| column. | Т | , <u>, , , , , , , , , , , , , , , , , , </u> | | | - | T = - |
| Pictograms | Label | | Yes | | No | Max |
| | SDS | | Yes | | No | Max |
| Signal words | Label | | Yes | | No | Max |
| | SDS | | Yes | | No | Max |
| Hazard statements | Label | | Yes | | No | Max |
| | SDS | | Yes | <u>L</u> | No | Max |
| Precautionary | Label | | Yes | L |] No | Max |
| statements | 000 | - | ¬., | | 7 | |
| He is the bisecock of a | SDS | | Yes | <u> </u> | No | Max |
| How is the hierarchy of p | ictogram | is, nazard stat | ements and | precaut | ionary state | ements defined? |
| | | | | | | |
| De vieu bevie envierrence | monto ir | nlaga ta dag | L with import | d obom | icolo / proc | duata? i a ia thara a |
| Do you have any arrange plan to implement alternations | | | | | | |
| | | | | | | |
| accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions Yes No | | | | | | |
| 171 — — | | | | | | |
| · | | | | | | |
| Other arrangements | | | | | | |
| Please provide a full description | | | | | | |
| | | | | | | |
| Do you have training and awareness activities planned? If yes, please provide some information. | | | | | | |
| | | | | | | |
| Are there any plans to ex | change | nersonnel witl | n another eco | nomy t | o improva l | harmonization of GHS |
| implementation? | criarige | personner with | i anomer ecc | officially t | o iiripiove i | namonization of GHS |
| implementation: | | | | | | |
| | | | | | | |
| Please list any specific is | sues of o | concern you h | ave experien | ced so | far during v | our GHS |
| Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. | | | | | | |
| | | | | | | |
| | | | | | | |
| Industry to complete | | | | | | |
| Has it been easy to access all necessary information for compliance? | | | | | | |
| • | | | | _ | | |
| | | | | | | |
| | | | | | | |
| Do you see any specific i | issues th | at are limiting | the progress | of GHS | 3 implemer | ntation / transport |
| regulation? | | | | | | |
| | | | | | | |
| 1 | | | | | | |

| Please provide detail of the work required by industry to implement GHS / transport regulations, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) |
|--|
| |
| |
| What are the expected benefits for industry through the implementation of GHS / transport regulations? Are there any risks that this benefit may not be achieved? |
| |
| How can governments best help industry with the implementation of GHS / transport regulations? |
| |

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to complement the UN reporting by APEC member economies, by providing a practical insight into the progress of GHS implementation in each member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008.

The intent of this template is to identify the progress of GHS implementation in each economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access the document should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

General

| Please provide the Econo | my for which this Template is completed below. | | |
|--|--|--|--|
| | | | |
| MALAYSIA | | | |
| | nd to adopt and implement GHS for any chemical sector in the near future | | |
| (Starting work within the r | next 2 years)? | | |
| ⊠ Yes | │ | | |
| | n. If no, no further answers are required. | | |
| Is there an overall strateg | ic plan for GHS implementation? | | |
| ☐ Yes | ⊠ No | | |
| If yes, where can it be fou | ind? Please list websites, attach documents, etc. | | |
| In the process of planni | ng the strategic roadmap. | | |
| | | | |
| Do you have a GHS coord | dinator to facilitate implementation discussions within your economy? | | |
| ⊠ Yes | │ | | |
| If yes, please fill out the fo | ollowing information for the coordinator: | | |
| Organisation / Agency | Ministry of International Trade and Industry (MITI) | | |
| Name | Ms. Gan Mui Huei | | |
| Phone number | +603 62034773 | | |
| E-mail address | bmhgan@miti.gov.my | | |
| Website | http://www.miti.gov.my | | |
| Do you have a hazard classification database? | | | |
| ☐ Ýes | | | |
| If yes, is it mandatory classification, or for information only? How do you access the database? | | | |
| | · | | |
| | | | |

Industrial Workplace

| Regulator to complete | | |
|---|---|--|
| Do you intend to implement GHS for this sector? | | |
| | | |
| If yes, please provide the following details. If no, no further answers are required for this section. | | |
| Lead Government | Department of Occupational Safety and Health | |
| Agency | | |
| Contact person | Dr. Majahar bin Abdul Rahman | |
| Phone number | +603 8886 5088 | |
| E-mail address | majahar@mohr.gov.my | |
| Website | http://www.dosh.gov.my | |
| When do you plan to implement GHS for this sector? | | |
| Expected to be implemented in 2011, the earliest. | | |
| How long is the phase in period and what are the transition arrangements? | | |
| 1 year for substances and 3 years for mixtures. | | |
| 1 year for substances and 5 years for mixtures. | | |
| Are the main relevant legislations implementing GHS finalized and in operation? | | |
| ☐ Yes ☐ No | | |
| If yes, please provide a means of access to the document. E.g. web-link, contact person. If no, when | | |
| do you expect it to be fina | lized? The CLASS Regulations are in the process of being reviewed by | |
| the Attorney General's (| Chambers, Malaysia, and are expected to be signed into law by the | |
| Minister of Human Reso | ources, Malaysia, in 2011, at the earliest. There are plans to set up a | |
| 'GHS website' which wil | I act as a one-stop centre for GHS related information and the | |
| establishment of 'e-MyG | GHS Network, a platform to discuss technical aspects of GHS | |
| implementation. | | |
| | | |
| Do you intend to adopt all hazard algorification building blocks CHC as is unitten in the number book? | | |
| Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book? Yes No | | |
| | | |
| If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple | | |
| book. E.g. sensitisers. If no, please describe the building blocks that will be adopted. | | |
| All except the following building blocks will be adopted: "Flammable Liquids Category 4", "Acute Toxicity (Oral, Dermal, Inhalation) Category 5", "Skin Corrosive / Irritant Category 3", | | |
| "Aspiration Hazard Cate | simal, illialation) dategory 5, Skill corrosive? Illialit dategory 5, | |
| "Aspiration Hazard Category 2", and "Hazardous to the Aquatic Environment – Acute Hazard Categories 2 and 3". | | |
| Categories 2 and 3. | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | |
| flammable/combustible liquids beyond 93 °C. | | |
| ☐ Yes | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | |
| in yes, please provide fail details of fiori erro officina being considered for adoption. | | |
| | | |
| Will there be a rick accessment element everlayed as tap of CUS electification as the labels If year | | |
| Will there be a risk assessment element overlayed on top of GHS classification on the label? If yes, how will it work? | | |
| No. | | |
| NO. | | |
| Is there to be a maximum number of the following included on the SDS and the label? | | |
| Pictograms | No. | |
| Hazard statements | No. | |
| Precautionary | Maximum of 6. | |
| statements | | |
| How is the hierarchy of pictograms, hazard statements and precautionary statements defined? | | |
| In the proposed CLASS Regulations and the accompanying Industry Code of Practice. | | |
| Danish and an amanaga and in place to deal with the control of the city of the control of the city of | | |
| Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a | | |

plan to implement alternate compliance provisions or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

No.

Do you have training and awareness activities planned? If yes, please provide some information.

Yes. Under the UNITAR GHS Capacity Building Project in Malaysia for the period 2011 – 2012.

Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?

Not in the near future.

Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.

- 1. Getting the necessary numbers of experts on, among others, toxicology, biology and physical chemistry on board.
- 2. Issues of a lack of experts to carry out classification according to GHS.
- 3. Issues of a lack of experts who are competent to conduct GHS training or courses.
- 4. Ability of the local laboratories in conducting the various tests in order to classify industrial chemicals.
- 5. Difficulty in including hazard pictograms and hazard information in dual languages for containers less than 500 mL.
- 6. Difficulty in implementing the building block approach due to non-harmonization among countries.
- 7. Issues of the level of commitment by the industries in acquiring the necessary know-how on the GHS.

Industry to complete

Has it been easy to access all necessary information for compliance?

Apart from the GHS Purple Book and also the Malaysian Standard, other information to guide the local industry for mandatory compliance is not yet available until the new regulation based on GHS for industrial workplace is gazetted.

Do you see any specific issues that are limiting the progress of GHS implementation?

Without the implementation of the new regulation based on GHS, it will be difficult for industry to implement GHS within their operations as they are still required under the law to comply with the Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997.

Industry needs more GHS training, including guidance on classification of chemicals according to GHS building blocks.

The "non-harmonized GHS requirements worldwide" issue can manifests itself in different forms, e.g. different cut-off values for preparations, adoption of different GHS versions (which is published every 2 years; some countries now adopt GHS 2nd version, some adopting 3rd version already). This inevitably causes confusion and adds extra compliance costs to companies, especially those that supply to many countries.

GHS is based on self-classification principle, yet many countries e.g. Japan, Korea; has come up with a GHS classification list for their countries. This could lead to companies spending time and resources to justify their self-classification if it's different from the Government's classification.

What are the expected costs for industry in the implementation of GHS?

The expected cost will be for updating and printing new labels, updating of safety data sheets and printing of new packaging materials which already have preprinted safety labels on the cans/containers. The cost of old labels will have to be scraped off.

Apart from the above, industry cost and burden associated with implementation of a new regulation include; rules familiarization, compliance determinations, training, recordkeeping, database maintenance, and maintenance of duplicate systems and processes during the adoption periods.

As more and more Asia Pacific countries have already adopted GHS, huge efforts and costs are required to maintain 2 versions of SDS GHS version for Asia Pacific countries which has implemented GHS and those that have not implemented GHS.

Based on present situation in Malaysia, it would be a burden to the industry by having different types of labels to meet the existing Malaysian regulatory requirement and GHS requirement for other Asia Pacific countries which have implemented GHS. Furthermore, there is more information on the GHS-SDS document than the existing MSDS version and thus GHS-SDS version has also served; if not better, the main objective of having existing MSDS version. In view of this, it would be better if the Government can accept both existing and GHS-SDS versions concurrently. Thereafter, GHS-SDS and labels will be acceptable to the Malaysia upon GHS implementation in Malaysia.

What are the expected benefits for industry through the implementation of GHS?

As more and more countries are adopting GHS, less time and cost will be dedicated to customize the labeling and safety data sheets according to the requirements of the importing country. However, the expected GHS benefit threshold will remain elusive, until the major trading partners of the APEC countries, i.e. US and EU fully adopt GHS (for US - 2014, EU - 2015).

Current as of February 10, 2011.

Agriculture

| Regulator to complete | | |
|---|---|--|
| Do you intend to implement GHS for this sector? | | |
| | | |
| If yes, please provide the | following details. If no, no further answers are required for this sector. | |
| Lead Government | Department of Agriculture | |
| Agency | | |
| Contact person | Mr Halimi Mahmud | |
| Phone number | +603 20301472 | |
| E-mail address | halimi@doa.gov.my | |
| Website | www.doa.gov.my | |
| When do you plan to implement GHS for this sector? | | |
| Awaiting the latest version of "FOA/WHO Guidelines on Good Labeling Practice for Pesticide" which are currently being updated by FAO/WHO to incorporate GHS elements. | | |
| How long is the phase is period and what are the transition arrangements? | | |
| How long is the phase in period and what are the transition arrangements? | | |
| Amendment to the Pesticide (Labeling) Regulation 1984 under the Pesticides Act 1974 will be made based on recommendations of the latest version of FAO/WHO Guidelines. | | |
| Are the main relevant legislations finalized? | | |
| ☐ Yes | | |
| If yes, please provide a means of access to the document. E.g. web-link, contact person. If no, when | | |
| do you expect it to be fina | lized? | |
| | | |
| Do you intend to adopt all | hazard classification building blocks GHS as is written in the purple book? | |
| ☐ Yes | │ ⊠ No | |
| If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitisers. If no, please describe the building blocks that will be adopted. | | |
| | | |
| | y non-GHS classification criteria? E.g. classification of | |
| flammable/combustible lic | | |
| ☐ Yes ☐ No | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | |
| | | |
| Will there be a risk assessment element overlayed on top of GHS classification on the label? If yes, | | |
| how will it work? | | |
| Not likely | | |
| | number of the following included on the SDS and the label? | |
| Pictograms | Depending on FAO/WHO Guidelines | |
| Hazard statements | Depending on FAO/WHO Guidelines | |
| Precautionary | Depending on FAO/WHO Guidelines | |
| statements | | |
| How is the hierarchy of pictograms, hazard statements and precautionary statements defined? | | |
| Depending on FAO/WHO Guidelines | | |
| Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? | | |

Importation of pesticides is controlled under the Pesticides Act 1974. Before they are allowed to be imported, registration approval must be obtained from the Pesticides Board of Malaysia and one of the requirements of registration is for the pesticide to be labeled in accordance with the labeling regulations

Do you have training and awareness activities planned? If yes, please provide some information.

Awareness program to the pesticide industry has been conducted

Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?

Not at the moment

Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.

- 1. Lack of internationally clear guidelines on how to incorporate GHS elements in pesticide labeling
- 2. Lack of technical knowledge on GHS among the personnels at the regulatory authority

Industry to complete

Has it been easy to access all necessary information for compliance?

Not always

Do you see any specific issues that are limiting the progress of GHS implementation?

Unless it is made mandatory

What are the expected costs for industry in the implementation of GHS?

The initial cost of changing the current pesticide label to GHS labeling system will be tremendous, and most likely it will be passed to the consumers

What are the expected benefits for industry through the implementation of GHS?

In the long run, it will benefit the industry in terms of meeting the labeling requirements of regulatory authorities, because only one harmonized system is used worldwide.

Consumer Products

| Regulator to complete | | | |
|---|---|--|--|
| Do you intend to implement GHS for this sector? | | | |
| ⊠ Yes | □No | | |
| If yes, please provide the | following details. If no, no further answers are required for this sector. | | |
| Lead Government | Ministry of Domestic Trade, Co-operatives and Consumerism | | |
| Agency | | | |
| Contact person | Ms. Thiagaletchumi V. Maniam | | |
| Phone number | +603 88825862 | | |
| E-mail address | letchumi@kpdnkk.gov.my | | |
| Website | http://www.kpdnkk.gov.my | | |
| When do you plan to impl | ement GHS for this sector? | | |
| Still in the planning stag | je | | |
| | | | |
| How long is the phase in | period and what are the transition arrangements? | | |
| To be confirmed | • | | |
| | | | |
| Are the main relevant legi | slations finalized? | | |
| ☐ Yes | | | |
| If yes, please provide a m | eans of access to the document. E.g. web-link, contact person. If no, when | | |
| do you expect it to be fina | | | |
| NA | | | |
| | | | |
| Do you intend to adopt all | hazard classification building blocks GHS as is written in the purple book? | | |
| ☐ Ýes | | | |
| | cut-off points you will be adopting where the choice is given in the purple | | |
| | no, please describe the building blocks that will be adopted. | | |
| NA | , produce accessing an earlier and acceptod. | | |
| | | | |
| Do you intend to adopt an | y non-GHS classification criteria? E.g. classification of | | |
| flammable/combustible liquids beyond 93 °C. | | | |
| ☐Yes | | | |
| | details of non-GHS criteria being considered for adoption. | | |
| NA | details of field of the criteria being confedence for adoption. | | |
| | | | |
| Will there be a risk assess | sment element overlayed on top of GHS classification on the label? If yes, | | |
| how will it work? | smort didmont eventayed on top of erre diagonication on the labor. If you, | | |
| NA | | | |
| | | | |
| Is there to be a maximum | number of the following included on the SDS and the label? | | |
| Pictograms | To be confirmed, under research | | |
| Hazard statements | To be confirmed, under research | | |
| Precautionary | To be confirmed, under research | | |
| statements | To be committed, under research | | |
| | ctograms, hazard statements and precautionary statements defined? | | |
| How is the hierarchy of pictograms, hazard statements and precautionary statements defined? To be confirmed, under research | | | |
| To be committed, under | 1eseal Cil | | |
| Do you have any arrange | ments in place to deal with imported chemicals / products? i.e. is there a | | |
| Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions or "deemed-to comply" provisions and will you | | | |
| accept additional classific | ation criteria (GHS or otherwise) not adopted by your economy? | | |
| No | ation shall (or to a stronglos) not adopted by your coording: | | |
| | | | |
| Do you have training and awareness activities planned? If yes, please provide some information. | | | |
| No | | | |
| NO . | | | |
| Are there any plans to exc | change personnel with another economy to improve harmonization of GHS | | |

Implementation?

Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.

NA

Industry to complete

Has it been easy to access all necessary information for compliance?

No

Do you see any specific issues that are limiting the progress of GHS implementation? **None at the moment, under research**

What are the expected costs for industry in the implementation of GHS?

To be confirmed, under research

What are the expected benefits for industry through the implementation of GHS?

To be confirmed, under research

Transport

| December to the community of | | | |
|---|--|--|--|
| Regulator to complete | | | |
| | nt GHS for this sector (based on the UN "Purple book"), or implement | | |
| | ort regulations based on the UN "Orange Book" or not at all? (Please tick | | |
| one of the following three boxes) | | | |
| | s Goods (DG) transport regulations based on the UN "Orange Book" | | |
| | ed on the UN "Purple Book" | | |
| No, do not intend to i | | | |
| | port regulations based on the UN "Orange Book", please complete Section 1 | | |
| | HS based on the UN "Purple Book" please complete Section 1 and 3. If not | | |
| | urther answers are required for this sector. | | |
| Section 1 | | | |
| | g details of the government agency responsible for the transport of | | |
| chemicals | | | |
| Lead Government | Ministry of Transport | | |
| Agency | | | |
| Contact person | Mr. Zakuan Abd Halim | | |
| Phone number | +60388866171 | | |
| E-mail address | zakuan@mot.gov.my | | |
| Website | | | |
| Only | | | |
| Section 2 | | | |
| Do you currently have reg | julations based on the UN "Orange Book" in operation in your economy? | | |
| ⊠ Yes | □ No | | |
| If yes, is this transport sec | ctor regulation compatible with GHS? Please explain how the interface | | |
| | range Book" based regulation works. If no, please provide the details of the | | |
| | ase provide links to relevant legislation, draft legislation and/or other | | |
| regulatory information. | | | |
| The Civil Aviation Regul | lation 1996 refers to the updated "Orange Book". | | |
| | | | |
| Section 3 | | | |
| When do you plan to implement GHS for this sector? | | | |
| | | | |
| How long is the phase in period and what are the transition arrangements? | | | |
| How long is the phase in p | behod and what are the transition arrangements? | | |
| | | | |
| Are the main relevant legi | elations finalized? | | |
| Are the main relevant legislations finalized? No | | | |
| | eans of access to the document. E.g. web-link, contact person. If no, when | | |
| do you expect it to be fina | | | |
| de yeu expect it to be ima | ao you expect it to be illialized? | | |
| | | | |
| Do you intend to adopt all | hazard classification building blocks GHS as is written in the purple book? | | |
| Yes | □ No | | |
| If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple | | | |
| | o, please describe the building blocks that will be adopted. | | |
| | • | | |
| | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | |
| flammable/combustible liquids beyond 93 °C. | | | |
| ☐ Yes ☐ No | | | |
| If yes, please provide full | details of non-GHS criteria being considered for adoption. | | |
| | | | |

| | sment element overlayed on top of GHS classification on the label? If yes, |
|--|--|
| how will it work? | |
| | |
| la thana ta ha a manimum | and the fellowing included on the ODO and the lebelO |
| | number of the following included on the SDS and the label? |
| Pictograms | |
| Hazard statements | |
| Precautionary | |
| statements | otograms, hazard statements and proceditionary statements defined? |
| How is the hierarchy or pi | ctograms, hazard statements and precautionary statements defined? |
| | |
| Do you have any arrange | ments in place to deal with imported chemicals / products? i.e. is there a |
| | te compliance provisions or "deemed-to comply" provisions and will you |
| | ation criteria (GHS or otherwise) not adopted by your economy? |
| docopt additional olassino | ation official (Official of otherwise) flot adopted by your coordinity. |
| | |
| Do you have training and | awareness activities planned? If yes, please provide some information. |
| | |
| | |
| Are there any plans to exc | change personnel with another economy to improve harmonization of GHS |
| implementation? | |
| | |
| | |
| | sues of concern you have experienced so far during your GHS |
| implementation efforts. | |
| | |
| | |
| Industry to complete | |
| Has it been easy to acces | ss all necessary information for compliance? |
| | |
| | |
| | ssues that are limiting the progress of GHS implementation / transport |
| regulation? | |
| | |
| NAME of a second | ata fan'a lasta. 'a tha 'anda a a atat'a a at OHO / tananana and lat'a an |
| vvnat are the expected co | sts for industry in the implementation of GHS / transport regulations? |
| | |
| \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | |
| | enefits for industry through the implementation of GHS / transport |
| regulations? | |
| | |

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to provide a practical insight into the progress of GHS implementation in each APEC member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008. This report is intended to complement the UN GHS reporting.

The intent of this template is to identify the progress of GHS implementation in each member economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between member economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating member economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC member economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access these documents should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

If you require any assistance on filling out the template, please contact the Catherine Oh of the Virtual Working Group on GHS at coh@accord.asn.au.

General

| Please provide the Econo | my for which this Template is completed below. | | |
|--|--|--|--|
| Russian Federation | | | |
| | | | |
| | nd to adopt and implement GHS for any chemical sector in the near future | | |
| (Starting work within the r | | | |
| ⊠ Yes | | | |
| | n. If No , no further answers are required. | | |
| Is there an overall strateg | ic plan for GHS implementation? | | |
| ⊠ Yes | □ No | | |
| | ind? Please list websites, attach documents, etc. | | |
| Technical Regulations " | On safety of chemical products" | | |
| Do you have a GHS coord | dinator to facilitate implementation discussions within your economy? | | |
| ⊠ Yes | □ No | | |
| If yes, please fill out the fo | pllowing information for the coordinator: | | |
| Organisation / Agency | Federal Agency on Technical Regulating and Metrology/ Russian | | |
| | Researcher Center on Standartization, Certification and Testing of | | |
| | materials (FSUE VNICSMV) | | |
| Name | Alexander Kozlov | | |
| Phone number | +74955437262 (int.1111) | | |
| E-mail address | a.kozlov@vnicsmv.ru | | |
| Website | www.vnicsmv.ru | | |
| Do you have a hazard cla | | | |
| ☐ Yes | ⊠ No | | |
| If yes, is it mandatory classification, or for information only? How do you access the database? | | | |
| | | | |
| | | | |

Industrial Workplace

| Regulator to complete | | | | |
|---|---|--------------------------|-------------------------|----------------------|
| Do you intend to implement GHS for this sector? | | | | |
| ⊠ Ýes □ No | | | | |
| If Yes , please provide the following details. If No , no further answers are required for the Industrial | | | | |
| Workplace section. | | • | • | |
| Lead Government | Federal Agency of | on Technical Regu | lating and Metrological | ogy/ Russian |
| Agency | | er on Standartizati | | |
| 9 | materials (FSUE | | • | J |
| Contact person | Alexander Kozlov | | | |
| Phone number | +74955437262 (in | | | |
| E-mail address | a.kozlov@vnicsm | | | |
| Website | www.vnicsmv.ru | | | |
| Regulatory instruments | | of legislation / regu | latory instruments | for this sector? |
| □ Drafted □ | Bills Passed | Proclaime | | |
| If proclaimed, please prov | | | | |
| do you expect it to be pro- | | | | |
| Approximately December | | | | |
| rippi eximately 2000mbs | | | | |
| Transition – What is the | timing for the transit | ion in this sector? | | |
| Begin At least 5 years | arring for the transit | End | | |
| What arrangements will b | e made available fo | | nase? | |
| ??? | c made available to | r buoiricoo iir tiilo pi | 1450: | |
| | | | | |
| Extent - Do you intend to | adont all hazard cla | assification huilding | hlocks GHS as nei | the numble book? |
| X Yes | adopt all Hazara old | No | blooks of to do per | the purple book: |
| If yes, please indicate the | cut-off points for mi | | donting where the | choice is given in |
| the purple book. E.g. sens | | | | |
| Cut-off concentrations f | or classification I | shalling and SDS r | oguiromente for r | opieu. nivturos |
| included in the Russian | | | | |
| document. The choice | | | | su as a separate |
| | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C. | | | | |
| Yes No | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | |
| ii yes, piease provide idii | details of flori-of io | Criteria being consid | dered for adoption. | |
| | | | | |
| Will there be a rick assess | Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how | | | |
| will it work? | Silient element oven | iaid on top of Gris t | Jassilication on the | e laber: II yes, now |
| No decision yet. The ris | k-based labelling | annroach in the cu | irrant rick accase | mont |
| framework has the capa | | | | IIIGIIL |
| I rainework has the capa | city to incorporate | elements of the C | ii 13. | |
| Labeling – Will each of the following elements be used on the label and SDS and is there to be | | | | |
| a maximum number of t | | | | iliu is tilele to be |
| If there are no maximum | | | | " in the |
| appropriate column . | i iluliibera apecilie | u, piease write in | DITE TIENT TO IVIAN | iii tii c |
| Pictograms | Label | ⊠ Yes | No | MaxNone |
| Fictograms | SDS | ⊠ Yes | □ No | |
| Cianal words | | | □ No | |
| Signal words | Label | ⊠ Yes | | Max1 |
| Hamand statements | SDS | ⊠ Yes | No | Max1 |
| Hazard statements | Label | ⊠ Yes | No | Max None |
| Drescutions | SDS | ⊠ Yes | □ No | MaxNone |
| Precautionary | Label | ⊠ Yes | ☐ No | MaxNone |
| statements | CDC | N Vaa | | Man. Man. |
| 11. 2. 0. 12 | SDS | ⊠ Yes | □ No | MaxNone |
| How is the hierarchy of pi | | | | |
| At the moment there is no defined the hierarchy of hazard statements and precautionary statements, but it will do in future for precautionary statements. | | | | |
| | | | | |

The hierarchy of pictograms is: (a) if the hazard pictogram 'GHS06' applies, the hazard pictogram 'GHS07' shall not (b) if the hazard pictogram 'GHS05' applies, the hazard pictogram 'GHS07' shall not appear for skin or eye irritation; (c) if the hazard pictogram 'GHS08' applies for respiratory sensitisation, the hazard pictogram 'GHS07' shall not appear for skin sensitisation or for skin and eye irritation. Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions ☐ Yes ⊠ No Accept additional criteria ☐ Yes ⊠ No Other arrangements Please provide a full description Imported chemicals will need to comply with Russian regulatory requirements Do you have training and awareness activities planned? If yes, please provide some information. Yes, the CISCENTER is coordinating such events (www.ciscenter.ru) Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. The current lack of trained people from a theoretical and practical point of view on the understanding of principles of classification of substances and preparations as well as on safe handling of chemicals make implementation of the system a major difficulty — it will be necessary to read across the regulation with several other local regulations for the management of chemicals in place in order to avoid contradictions, which may result in legal difficulties and longer time than expected for the local implementation of **GHS** Industry to complete Has it been easy to access all necessary information for compliance? For majority, it is not easy to access all the necessary information for compliance Do you see any specific issues that are limiting the progress of GHS implementation? Yes, such as - Insufficiency in data/database, such as toxicity and ecotoxicity data - Differences between Russian and EU data for the same substances - Difficulty in choose an adequate data for classification when there are so many reliable data - Differences in adoption of building blocks among member economies and other countries - Difficulty in data sharing due to confidentiality - Lack of consumer understanding on GHS (e.g. meaning of pictograms) Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) Training of staff

One of the benefit is reducing the cost of transportation chemicals between Russia and other countries via using harmonization chemical legislation. Risk is differences between accepted EU and Russian hazard categories, and therefore, differences in label.

What are the expected benefits for industry through the implementation of GHS? Are there any risks

that this benefit may not be achieved?

How can governments best help industry with the implementation of GHS?

By creating a common list of classification of substances (as like as Table 3.1 Annex VI CLP Regulation)

Consumer Products

| Regulator to compl | lete | | | | |
|---|--------------------|--|-------------------------|----------------------------|--|
| Do you intend to implement GHS for this sector? | | | | | |
| ∑ Yes □ No | | | | | |
| If Yes , please provide the following details. If No , no further answers are required for the Consumer | | | | | |
| Products Section. | | | | | |
| Lead Government | | Federal Agency on Technical Regulating and Metrology/ Russian | | | |
| Agency | Research | Researcher Center on Standartization, Certification and Testing of | | | |
| | | materials (FSUE VNICSMV) | | | |
| Contact person | Alexande | Alexander Kozlov | | | |
| Phone number | | 7262 (int.1111) | | | |
| E-mail address | | @vnicsmv.ru | | | |
| Website | www.vni | | | | |
| | | ne status of legislat | ion / regulatory instru | uments for this sector? | |
| □ Drafting | ☐ Bills Pa | | | roclaimed, date | |
| If proclaimed, please | provide a mear | s of access to the | Act e.g. web-link, cor | ntact person. If not, when | |
| do you expect it to be | e proclaimed? | | - | | |
| Approximately Dec | ember 2011 | | | | |
| | | | | | |
| Transition – What is | the timing for th | ne transition in this | sector? | | |
| Begin At least 5 | years | Enc |] | | |
| What arrangements | will be made ava | ailable for business | in this phase? | | |
| | | | | | |
| Extent - Do you inte | nd to adopt all h | azard classification | building blocks GHS | as per the purple book? | |
| ⊠ Yes | • | | No | | |
| If yes, please indicat | e the cut-off poir | nts you will be adop | ting where the choic | e is given in the purple | |
| book. E.g. sensitiser | | | | | |
| Cut-off concentration | | | | | |
| | | | | ublished as a separate | |
| document . The choice of the cut-off points the same as in the purple book. | | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | | | |
| flammable/combustible liquids beyond 93 °C. | | | | | |
| ☐ Yes ☐ No | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | |
| A 11 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | |
| | | | | | |
| Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how | | | | | |
| will it work? | | | | | |
| No decision yet. The | ne risk-based la | belling approach | in the current risk a | assessment | |
| framework has the | capacity to inc | orporate elements | of the GHS. | | |
| | | | | | |
| | | | | S and is there to be a | |
| maximum number of | | | | | |
| | num numbers sp | ecified, please writ | e "none" next to "Ma | x" in the appropriate | |
| column. | | | | | |
| Pictograms | Label | | ☐ No | MaxNone | |
| | SDS | ⊠ Yes | ☐ No | MaxNone | |
| Signal words | Label | ⊠ Yes | ☐ No | Max1 | |
| | SDS | ⊠ Yes | ☐ No | Max1 | |
| Hazard | Label | ⊠ Yes | ☐ No | MaxNone | |
| statements | | | | | |
| | SDS | ⊠ Yes | ☐ No | MaxNone | |
| Precautionary | Label | ⊠ Yes | ☐ No | MaxNone | |
| statements | | | | | |
| | SDS | ⊠ Yes | ☐ No | MaxNone | |
| How is the hierarchy | of pictograms, h | nazard statements | and precautionary sta | atements defined? | |
| At the moment there is no defined the hierarchy of hazard statements and precautionary | | | | | |
| statements, but it w | | | | - | |

The hierarchy of pictograms the same as the Purple Book: (a) if the hazard pictogram 'GHS06' applies, the hazard pictogram 'GHS07' shall not appear: (b) if the hazard pictogram 'GHS05' applies, the hazard pictogram 'GHS07' shall not appear for skin or eye irritation; (c) if the hazard pictogram 'GHS08' applies for respiratory sensitisation, the hazard pictogram 'GHS07' shall not appear for skin sensitisation or for skin and eye irritation. Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? ⊠ No Deemed-to-comply provisions ☐ Yes Accept additional criteria ☐ Yes ⊠ No Other arrangements Please provide a full Imported chemicals will need to comply with Russian description regulatory requirements Do you have training and awareness activities planned? If yes, please provide some information. Yes, the CISCENTER is coordinating such events (http://www.ciscenter.ru/en/) Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. The current lack of trained people from a theoretical and practical point of view on the understanding of principles of classification of substances and preparations as well as on safe handling of chemicals make implementation of the system a major difficulty it will be necessary to read across the regulation with several other local regulations for the management of chemicals in place in order to avoid contradictions, which may result in legal difficulties and longer time than expected for the local implementation of **GHS** Industry to complete Has it been easy to access all necessary information for compliance? For majority, it is not easy to access all the necessary information for compliance Do you see any specific issues that are limiting the progress of GHS implementation? Yes, - Insufficiency in data/database, such as toxicity and ecotoxicity data - Differences between Russian and EU data for the same substances - Difficulty in choose an adequate data for classification when there are so many reliable data - Differences in adoption of building blocks among member economies and other countries - Difficulty in data sharing due to confidentiality - Lack of consumer understanding on GHS (e.g. meaning of pictograms) Please detail the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) Training of staff

What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved?

One of the benefit is reducing the cost of transportation chemicals between Russia and other countries via using harmonization chemical legislation. Risk is differences between accepted EU and Russian hazard categories, and therefore, differences in label.

How can governments best help industry with the implementation of GHS?

By creating a common list of classification of substances (as like as Table 3.1 Annex VI CLP Regulation)

Agriculture

| Regulator to complete | | | | |
|---|------------------------|-----------------------------|-------------------|---------------------------|
| Do you intend to impleme | nt GHS for this sect | or? | | |
| ⊠ Yes | • | | | |
| If Yes, please provide the | following details. If | No, no further ans | wers are requ | ired for the Industrial |
| Workplace section. | | | | |
| Lead Government | Federal Agency of | on Technical Requ | lating and M | letrology/ Russian |
| Agency | | | | ation and Testing of |
| rigorioy | materials (FSUE | | ion, contino | and rooming or |
| Contact person | Alexander Kozlov | | | |
| | | | | |
| Phone number | +74955437262 (in | | | |
| E-mail address | a.kozlov@vnicsm | ıv.ru | | |
| Website | www.vnicsmv.ru | 41 11 1 | | |
| Regulatory instruments | | | | |
| □ Drafted | Bills Passed | ☐ Proclaim | | oclaimed, date |
| If proclaimed, please prov | ride a means of acc | ess to the Act e.g. ι | web-link, con | tact person. If not, when |
| do you expect it to be pro- | claimed? | | | |
| December 2011 | | | | |
| | | | | |
| Transition – What is the | timing for the transit | ion in this sector? | | |
| Begin At least 5 years | <u> </u> | End | | |
| What arrangements will b | e made available fo | | hase? | |
| ??? | o mado avanabio io | . Buchiese in the p | | |
| • • • | | | | |
| Extent - Do you intend to | adont all hazard cla | esification building | blocks GHS | as per the purple book? |
| Yes | adopt all Hazard Cla | | DIOCKS GI IS | as per the purple book: |
| | and all mainta for mai | No No | alamtina u vula a | ro the chains is sizes in |
| If yes, please indicate the | | | | |
| the purple book. E.g. sens | | | | |
| Cut-off concentrations f | | | | |
| included in the Russian | | | | |
| document. The choice | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of | | | | |
| flammable/combustible liquids beyond 93 °C. | | | | |
| ☐ Yes | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | |
| | | | | |
| | | | | |
| Will there be a risk assess | sment element over | laid on top of GHS | classification | on the label? If yes, how |
| will it work? | | · | | • |
| No decision yet. The risk-based labelling approach in the current risk assessment | | | | |
| framework has the capa | | | | |
| • | , , | | | |
| Labeling - Will each of th | ne following element | s be used on the la | bel and SDS | and is there to be a |
| maximum number of the f | | | | |
| If there are no maximum i | | | | " in the appropriate |
| column. | nambers specifica, į | olease write rione | TICKLEO WAX | тите арргорнате |
| | Lobol | ⊠ Yes | No | Max None |
| Pictograms | Label | | | |
| Ciara al cua ada | SDS | ⊠ Yes | □ No | MaxNone |
| Signal words | Label | ⊠ Yes | □ No | Max1 |
| | SDS | ⊠ Yes | □ No | Max1 |
| Hazard statements | Label | Yes | ☐ No | MaxNone |
| | SDS | Yes | ☐ No | MaxNone |
| Precautionary | Label | ⊠ Yes | ☐ No | MaxNone |
| statements | | | | |
| | SDS | ⊠ Yes | ☐ No | MaxNone |
| How is the hierarchy of pictograms, hazard statements and precautionary statements defined? | | | | |
| At the moment there is no defined the hierarchy of hazard statements and precautionary | | | | |
| statements, but it will do | | | | • |
| | | | | - |

| The hierarchy of pictograms is: (a) if the hazard pictogram | | hazard pictogram 'GHS07' shall not | |
|--|--|--|--|
| appear; | | hazard pictogram 'GHS07' shall not | |
| appear for skin or eye i | rritation; | | |
| | | respiratory sensitisation, the hazard sensitisation or for skin and eye irritation. | |
| Do you have any arrangements in | n place to deal with im | ported chemicals / products? i.e. is there a | |
| | | emed-to comply" provisions) and will you | |
| Deemed-to comply provisions | iteria (GHS or otherwis | se) not adopted by your economy? | |
| Accept additional criteria | | ⊠ No | |
| Other arrangements | <u> </u> | ⊠ NO | |
| Please provide a full description | Imported chemicals regulatory requiren | s will need to comply with Russian nents | |
| | | If yes, please provide some information. | |
| Yes, the CISCENTER is coording | | · | |
| implementation? | personnel with anothe | r economy to improve harmonization of GHS | |
| No | | | |
| Please list any specific issues of cimplementation efforts. | concern you have exp | erienced so far during your GHS | |
| The current lack of train | ned people from a th | eoretical and practical point of view on the | |
| | | of substances and preparations as well as | |
| | | entation of the system a major difficulty ulation with several other local regulations | |
| | | n order to avoid contradictions, which may | |
| result in legal difficultie | | an expected for the local implementation of | |
| GHS | | | |
| Industry to complete | | | |
| Has it been easy to access all ne | | | |
| For majority, it is not easy to ac | | | |
| Do you see any specific issues th | | | |
| is differences between Russian | | for classification and labelling. Also there same substances. | |
| | | implement GHS, including information on | |
| | | and labeling of all products. This workload is | |
| more acceptable if spread over a long implementation period. Training of staff, which if coordinated | | | |
| by Government, will help industry.) Training of staff | | | |
| | | included the second of OUCO And the second of the | |
| that this benefit may not be achie | ved? | implementation of GHS? Are there any risks | |
| | ion chemical legislat | tion chemicals between Russia and other ion. Risk is differences between accepted ifferences in label. | |
| How can governments best help i | | | |
| By creating a common list of cl Regulation) | assification of subst | ances (as like as Table 3.1 Annex VI CLP | |

L

Transport

| Regulator to complete | | | |
|--|--|--|--|
| Do you intend to implement Dangerous Goods transport regulations based on the UN "Orange Book", | | | |
| or implement GHS for this sector (based on the UN "Purple book") or not at all? | | | |
| Please tick one of the following three boxes | | | |
| ☐ Implement Dangerous Goods (DG) transport regulations based on the UN "Orange Book" | | | |
| | ed on the UN "Purple Book" | | |
| No, do not intend to | | | |
| | port regulations based on the UN "Orange Book", please complete Section 1 | | |
| | HS based on the UN "Purple Book" please complete Section 1 and 3. If not | | |
| | urther answers are required for this sector. | | |
| Section 1 | differ answers are required for this sector. | | |
| | | | |
| | g details of the government agency responsible for the transport of | | |
| chemicals | | | |
| Lead Government | Minister of Transport and Communications of Russia | | |
| Agency | | | |
| Contact person | | | |
| Phone number | | | |
| E-mail address | | | |
| Website | http://www.mintrans.ru/ | | |
| Only | p | | |
| Section 2 | | | |
| | gulations based on the UN "Orange Book" in operation in your economy? | | |
| | | | |
| Yes, in part; | No | | |
| | ctor regulation compatible with GHS? Please explain how the interface | | |
| | range Book" based regulation works. If no, please provide the details of the | | |
| | ase provide links to relevant legislation, draft legislation and/or other | | |
| regulatory information. | | | |
| This transport sector re | This transport sector regulation is compatible with GHS only partly. Russian legislation based | | |
| | galation is compatible with orio only partly. Russian regislation based | | |
| on the UN "Orange Boo | k" is very old and it will change in future for some regulation. | | |
| | k" is very old and it will change in future for some regulation. | | |
| In the transport sector, | k" is very old and it will change in future for some regulation. certain local requirements will be harmonised with part of the GHS on | | |
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| Extent - Do you intend to adopt all hazard classification building blocks GHS as per the purple book? If yes, please indicate the cut-off points for mixtures you will be adopting where the choice is given in the purple book. E.g. sensitisers. If no, please list the building blocks that will be adopted. Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C. Yes Yes No No No No No No No N | | | | | | | |
|--|-----------------------------|-----------|---------------------------------------|--------------------|-----------|------------------|-----------------------|
| Yes | | | | | | | |
| Yes | Extent - Do you intend to | adopt a | ıll hazard c | lassification buil | ldina blo | cks GHS as p | er the purple book? |
| the purple book. E.g. sensitisers. If no, please list the building blocks that will be adopted. Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C. Yes | | | | | <u>-</u> | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C. No If yes, please provide full details of non-GHS criteria being considered for adoption. Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, ho will it work? Labeling – Will each of the following elements be used on the label and SDS and is there to be a maximum number of the following included on the SDS and the label? If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate column. Pictograms Label Yes No Max SDS Yes No Max SDS Yes No Max Hazard statements Label Yes No Max SDS Yes No Max Hazard statements Label Yes No Max How is the hierarchy of pictograms, hazard statements and precautionary statements defined? Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification oriteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions Yes No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? | | | | | | | |
| It yes I y | | | , | | <u> </u> | | |
| flammable/combustible liquids beyond 93 °C. Yes No If yes, please provide full details of non-GHS criteria being considered for adoption. Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, ho will it work? Labeling – Will each of the following elements be used on the label and SDS and is there to be a maximum number of the following included on the SDS and the label? If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate column. Pictograms | Do you intend to adopt ar | ny non-G | SHS classif | fication criteria? | E.g. clas | ssification of | |
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| will it work? | If yes, please provide full | details o | of non-GHS | S criteria being o | considere | ed for adoptio | n. |
| will it work? | | | | | | | |
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| maximum number of the following included on the SDS and the label? If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate column. Pictograms | | | | | | | |
| If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate column. Pictograms | Labeling - Will each of the | ne follow | ing eleme | nts be used on t | he label | and SDS and | I is there to be a |
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| Pictograms | | numbers | s specified, | , please write "n | one" nex | tt to "Max" in t | the appropriate |
| Signal words | | Lahel | | ∏ V _Δ ς | | No | Max |
| Signal words | 1 lotograms | 1 | | | | | |
| Hazard statements | Signal words | | | | | | |
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| Precautionary statements SDS | Hazard statements | Label | | Yes | | No | Max |
| BDS Yes No Max How is the hierarchy of pictograms, hazard statements and precautionary statements defined? Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions Yes No Accept additional criteria Yes No Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | | | | | | | Max |
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| How is the hierarchy of pictograms, hazard statements and precautionary statements defined? Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions Yes No Accept additional criteria Yes No Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | statements | CDC | | □ Vaa | | NI- | Mari |
| Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions Yes No Accept additional criteria Yes No Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | How is the hierarchy of n | | o hazard | | procouti | | |
| plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions Yes No Accept additional criteria Yes Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | Trow is the meratchy of pr | ictogram | is, Hazaiu i | statements and | precauli | Jilary Staterile | ento denned: |
| plan to implement alternate compliance provisions ("deemed-to comply" provisions) and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions Yes No Accept additional criteria Yes Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | | | | | | | |
| accept additional classification criteria (GHS or otherwise) not adopted by your economy? Deemed-to comply provisions | Do you have any arrange | ments ir | n place to d | deal with importe | ed chemi | cals / product | ts? i.e. is there a |
| Deemed-to comply provisions Yes No Accept additional criteria Yes No Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | | | | | | | |
| Accept additional criteria Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | • | | · — ` | or otherwise) n | ot adopt | | conomy? |
| Other arrangements Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | | sions | | | | .= | |
| Please provide a full description Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | · · | | ☐ Yes | | | ∐ No | |
| Do you have training and awareness activities planned? If yes, please provide some information. No Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | | | | | | | |
| Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | Please provide a full desc | cription | | | | | |
| Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? No Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | Do you have training and | awaren | ess activiti | es planned? If v | es, pleas | se provide so | me information. |
| Industry to complete Has it been easy to access all necessary information for compliance? No No | | | | <u> </u> | , | | |
| Industry to complete Has it been easy to access all necessary information for compliance? No No | | | | | | | |
| Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | | change | personnel | with another eco | onomy to | improve hari | monization of GHS |
| Please list any specific issues of concern you have experienced so far during your GHS implementation efforts. Industry to complete Has it been easy to access all necessary information for compliance? No | | | | | | | |
| Industry to complete Has it been easy to access all necessary information for compliance? No | NO | | | | | | |
| Industry to complete Has it been easy to access all necessary information for compliance? No | Please list any specific is | sues of o | concern vo | u have experien | nced so f | ar during you | r GHS |
| Industry to complete Has it been easy to access all necessary information for compliance? No | | 0400 0. (| , , , , , , , , , , , , , , , , , , , | a nave expense | | ar aariing you | . 61.16 |
| Has it been easy to access all necessary information for compliance? No | | | | | | | |
| Has it been easy to access all necessary information for compliance? No | Industry to complete | | | | | | |
| No | | ss all ne | cessary inf | ormation for cor | mpliance | ? | |
| Do you see any specific issues that are limiting the progress of CHS implementation / transport | | | • | | - | | |
| Do you doe any apodine issues that are infining the progress of GHS implementation/ transport | Do you see any specific i | ssues th | at are limit | ing the progress | s of GHS | implementati | ion / transport |

regulation?

???

Please provide detail of the work required by industry to implement GHS / transport regulations, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.)

Training of staff

What are the expected benefits for industry through the implementation of GHS / transport regulations? Are there any risks that this benefit may not be achieved?

...

How can governments best help industry with the implementation of GHS / transport regulations?

• • •

2010 GHS Implementation Progress Reporting Template

Introduction

This template has been designed to provide a practical insight into the progress of GHS implementation in each APEC member economy. It builds on the ideas and information from Annexes 1 and 2 of the Report of the Virtual Working Group on GHS Implementation "Developing Clarity and Consistency in the Implementation of the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)" endorsed at the 7th Chemical Dialogue meeting at Peru in May 2008. This report is intended to complement the UN GHS reporting.

The intent of this template is to identify the progress of GHS implementation in each member economy and each sector, and to identify sector specific and cross-sectoral implementation issues that may be of interest and/or concern to other economies and industry. Once identified, these issues may be addressed through further discussion between member economies, with the assistance of the Chemical Dialogue or referred to the United Nations Sub-Committee of Experts on the Globally Harmonized System of classification and labelling of chemical products (UNSCEGHS).

In 2009, nine out of 21 member economies of the APEC Chemical Dialogue (CD) completed the GHS Implementation Progress Reporting Template (Template). This process not only provided invaluable information regarding the progress of GHS implementation in these economies, but the participating member economies also reported that the process of completing the Template enabled articulation of implementation issues for further discussion.

APEC CD agreed that the Template should be completed by APEC member economies at regular intervals to provide the opportunity for economies to share the GHS implementation workload and draw on the experiences of others in the implementation of the GHS. Regular reporting will also provide opportunities for industry to work more closely with economies to progress the development of the GHS and identify implementation issues of concern at a practical level.

In order to achieve these objectives, the template is divided into a general section, industrial sector, consumer goods, agricultural chemicals and transport. Detailed and specific answers should be provided for each of the questions. Where a reference is made to documents, information on how to access these documents should follow.

Please answer all sections, even if your economy has a single set of regulations and a single regulatory body working on GHS implementation. This will help to identify any differences in approaches adopted by the different economies.

If you require any assistance on filling out the template, please contact the Catherine Oh of the Virtual Working Group on GHS at coh@accord.asn.au.

General

| Please provide the Econo | my for which this Template is completed below. |
|-------------------------------------|--|
| 01111.5 | |
| CHILE | |
| | nd to adopt and implement GHS for any chemical sector in the near future |
| (Starting work within the r | |
| 🔀 Yes | |
| If Yes , go to next question | n. If No , no further answers are required. |
| Is there an overall strateg | ic plan for GHS implementation? |
| ☐ Yes | ☑ No |
| If yes, where can it be fou | ind? Please list websites, attach documents, etc. |
| | |
| | |
| Do you have a GHS coord | dinator to facilitate implementation discussions within your economy? |
| ⊠ Yes | □ No |
| If yes, please fill out the fo | ollowing information for the coordinator: |
| Organisation / Agency | Ministry of Health |
| Name | Ms. Pamela Santibañez |
| Phone number | (56 2) 5740791 |
| E-mail address | psantibanez@minsal.cl |
| Website | www.minsal.cl |
| Do you have a hazard cla | ssification database? |
| Yes | □ No |
| If yes, is it mandatory class | ssification, or for information only? How do you access the database? |
| | |
| It is used the United Nat | tions classification and it is mandatory for transport and from March |
| 2011 it will be for wareh | ousing |
| | |

Industrial Workplace

| Dominated of the state of the s | | | | |
|--|----------------------|-------------------------|-----------------------|---------------------------|
| Regulator to complete | | a acatar? | | |
| Do you intend to impler X Yes | nent GHS for thi | | | |
| If Yes , please provide t | ho following date | No No no further | anewore are requi | rod for the Industrial |
| Workplace section. | | | answers are requi | red for the industrial |
| Lead Government Agency | Ministry of I | Health | | |
| Contact person | Ms. Pamela | Santibañez | | |
| Phone number | (56 2) 57407 | '91 | | |
| E-mail address | psantibanez | @minsal.cl | | |
| Website | www.minsa | l.cl | | |
| Regulatory instrumen | ts - What is the | status of legislation | / regulatory instrum | nents for this sector? |
| Drafted | ☐ Bills Pass | | | claimed, date |
| If proclaimed, please portion do you expect it to be p | | of access to the Act | e.g. web-link, conta | act person. If not, when |
| It is developing a Nati | | tation Strategy, wh | ich will include th | e industrial sector |
| Transition – What is th | e timing for the | | tor? | |
| Begin | | End | | |
| What arrangements wil | be made availa | lble for business in t | his phase? | |
| Not defined yet | | | | |
| Extent - Do you intend | to adopt all haza | ard classification bui | lding blocks GHS a | is per the purple book? |
| Yes | | ☐ No | | |
| If yes, please indicate t | | | | |
| the purple book. E.g. se | ensitisers. If no, p | please list the buildir | ng blocks that will b | e adopted. |
| Not defined yet | | | | |
| Do you intend to adopt flammable/combustible | | | E.g. classification | of |
| Yes | ilquius beyona s | <u> </u> | | |
| If yes, please provide fu | ıll details of non: | | considered for ador | ntion |
| Not defined yet | in actaile of ficin | Or to or tona boning t | onolacioa for adop | , iii |
| , | | | | |
| Will there be a risk assewill it work? | essment elemen | t overlaid on top of 0 | GHS classification of | on the label? If yes, how |
| | | | | |
| Not defined yet | the fellowine of | | de a labal and CDC | |
| Labeling – Will each of maximum number of th | | | | and is there to be a |
| If there are no maximul | | | | in the appropriate |
| column. | ii iiuiiibers spec | illeu, piease write Ti | ione next to max | πι της αρριορπαίε |
| Pictograms | Label | Yes | □No | Max |
| 1 lotograffio | SDS | Yes | □ No | Max |
| Signal words | Label | Yes | □ No | Max |
| Olgital Words | SDS | Yes | □ No | Max |
| Hazard statements | Label | Yes | □ No | Max |
| | SDS | Yes | □ No | Max |
| Precautionary | Label | Yes | □ No | Max |
| statements | | | | |
| | SDS | ☐ Yes | ☐ No | Max |
| How is the hierarchy of | pictograms, haz | ard statements and | precautionary state | ements defined? |
| Not defined yet | | | | |
| Do you have any arrang | | | | |
| plan to implement alter | | | | |
| accept additional classi | fication criteria (| GHS or otherwise) n | not adopted by your | economy? |

| Deemed-to comply provisions | ☐ Yes | ☐ No | | | | | | |
|---|---|---|--|--|--|--|--|--|
| Accept additional criteria | Yes | ☐ No | | | | | | |
| Other arrangements | Not defined yet | · | | | | | | |
| Please provide a full description | Please provide a full description | | | | | | | |
| Daniel beneficier and annual | | 0.16 | | | | | | |
| | | ? If yes, please provide some information. ss activities of GHS, both public and | | | | | | |
| private sector | to develop awarene | ss activities of Gn3, both public and | | | | | | |
| private sector | | | | | | | | |
| Are there any plans to exchange p | personnel with another | er economy to improve harmonization of GHS | | | | | | |
| implementation? | | | | | | | | |
| | | | | | | | | |
| Not for now | | | | | | | | |
| Please list any specific issues of o | concern you have exp | perienced so far during your GHS | | | | | | |
| implementation efforts. | t savaral years tryin | g to implement GHS, however this has not | | | | | | |
| | | will be implemented). For this reason, in | | | | | | |
| | | an implementation strategy. | | | | | | |
| | | of representatives organizations of civil | | | | | | |
| society | | | | | | | | |
| Industry to complete | | | | | | | | |
| Has it been easy to access all ned | | | | | | | | |
| | | view to comply with GHS, even though there | | | | | | |
| | | projects that include funding for the | | | | | | |
| | | economies were prompt to implement | | | | | | |
| | | also known as CLP Directive 2) Korea: Substance and Material Safety Data Sheet | | | | | | |
| | | 3) Japan: JIZ Z 7250 (2005) Standard. | | | | | | |
| according the madstral carety | a ricaliii Act, 2000 | o, bapan. oiz z 7200 (2003) Glandard. | | | | | | |
| Do you see any specific issues the | at are limiting the pro | gress of GHS implementation? | | | | | | |
| | | rom the State to do so. Moreover, when | | | | | | |
| | | I to provide a special and intensive training | | | | | | |
| process to the regulators, in the | ose specifics subjec | ts, essential for a successful | | | | | | |
| implementation of the GHS. | | | | | | | | |
| | | ncern about probable impacts on the GHS | | | | | | |
| | | covers UN recommendations on the me aspects with GHS, so it might cause | | | | | | |
| | | per training on the GHS labeling. | | | | | | |
| oomasion on regulatore of mop | ootoro, marrio pro | sor training on the orio laboring. | | | | | | |
| Please provide detail of the work | required by industry t | o implement GHS, including information on | | | | | | |
| how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is | | | | | | | | |
| more acceptable if spread over a long implementation period. Training of staff, which if coordinated | | | | | | | | |
| by Government, will help industry.) | | | | | | | | |
| | | | | | | | | |
| classification point of view, there is a chance to have less workload since we do not expect to find big changes from the current UN system used for Transportation. Nevertheless because | | | | | | | | |
| | re is a chance to ha | | | | | | | |
| find big changes from the curre | re is a chance to ha ent UN system used | ve less workload since we do not expect to for Transportation. Nevertheless because | | | | | | |
| find big changes from the curre there are new divisions and risl | re is a chance to ha ent UN system used k to taking into acco | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. | | | | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to | re is a chance to ha ent UN system used c to taking into acco best implementing | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. the GHS. Most challenges are expected | | | | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to from the labeling part, due the a | re is a chance to ha ent UN system used c to taking into acco best implementing | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. | | | | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to | re is a chance to ha ent UN system used c to taking into acco best implementing | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. the GHS. Most challenges are expected | | | | | | |
| find big changes from the curre there are new divisions and risl Therefore, timing is essential to from the labeling part, due the a the used at the transport. | re is a chance to ha ent UN system used to taking into acco best implementing absence of a clear re | ve less workload since we do not expect to for Transportation. Nevertheless because bunt, this will take a lot of time to comply. the GHS. Most challenges are expected | | | | | | |

Main benefit is the market access to those economies to have covered the GHS on their legislations. The main risk to not achieve this benefit, start when different approaches might create different regulations and conditions, in different countries. This condition itself, create a contradiction on the initiative to harmonize the criteria. Nevertheless there is a small impact expected in this area, due unequal opinions on risk assessment.

How can governments best help industry with the implementation of GHS?

Creating a clear and yet achievable regulatory scenario, all industry must align their processes to get a uniform classification and risk communications systems. When formulating this regulations and laws it is fundamental to consult the industry representatives to create effective pieces of law that contribute with the GHS objectives. There is also important to consider a reasonable timeline and steps to implement, giving a fair space of time, to small size companies to comply. It also would help creating instruments to co-financing the implementation in small companies or group of them, using i.e.: a "Clean Production" approach. Finally it would be desirable, to consider similar regulations in the UE or other countries that has already implemented GHS, taking advantage of the variety of languages used at the UE including Spanish.

Consumer Products

| Regulator to complete | | | | | | | | |
|--|-------------------|-------------------|-------------------|------------------|-----------------------------|--|--|--|
| Do you intend to imp | lement GHS fo | r this sector? | | | | | | |
| ⊠ Yes | | | ☐ No | | | | | |
| | de the following | details. If No | , no further ans | swers are req | uired for the Consumer | | | |
| Products Section. | | | | | | | | |
| Lead Government | Ministry | of Health | | | | | | |
| Agency | | | | | | | | |
| Contact person | | iela Santibai | ňez | | | | | |
| Phone number | (56 2) 57 | | | | | | | |
| E-mail address | | anez@minsa | l.cl | | | | | |
| Website www.minsal.cl | | | | | | | | |
| Regulatory instruments - What is the status of legislation / regulatory instruments for this sector? | | | | | | | | |
| ☐ Drafting | Bills P | | Proclair | | oroclaimed, date | | | |
| | | ins of access | to the Act e.g. | web-link, cor | ntact person. If not, when | | | |
| do you expect it to b | e proclaimed? | | | | | | | |
| As part of the deve | loping of the l | mplementati | on National S | trategy, it wi | Il include the | | | |
| | | | | | and it not defined how | | | |
| and who will imple | | , | | - , . . | | | | |
| Transition – What is | s the timing for | the transition | in this sector? | | | | | |
| Begin | | | End | | | | | |
| What arrangements | will be made av | /ailable for bu | ısiness in this p | phase? | | | | |
| | | | | | | | | |
| Evtent - Do you inte | nd to adopt all | nazard classi | fication building | a blocks GHS | as per the purple book? | | | |
| Yes | ilu to adopt all | iazaiu ciassi | No | g blocks Gi ic | as per trie purple book: | | | |
| | to the cut off po | inte vou will k | | oro the choic | e is given in the purple | | | |
| book. E.g. sensitiser | | | | | | | | |
| DOOK. L.g. Serisitisei | 3. Il Ilo, piease | iist trie buildii | ig blocks that | wiii be adopte | . | | | |
| | | | | | | | | |
| Do you intend to add | opt any non-GH | S classification | on criteria? E.g | . classificatio | n of | | | |
| flammable/combusti | ble liquids beyo | nd 93 °C. | _ | | | | | |
| Yes | | | ☐ No | | | | | |
| If yes, please provid | e full details of | non-GHS crit | eria being cons | sidered for ad | option. | | | |
| Not defined yet | | | | | • | | | |
| _ | | | | | | | | |
| | ssessment eler | nent overlaid | on top of GHS | S classification | n on the label? If yes, how | | | |
| will it work? | | | | | | | | |
| Not defined yet | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | S and is there to be a | | | |
| maximum number of the following included on the SDS and the label? | | | | | | | | |
| If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate | | | | | | | | |
| column. | | | | | 1 | | | |
| Pictograms | Label | | ☐ Yes ☐ No Max | | | | | |
| | SDS | ☐ Yes | | □ No | Max | | | |
| Signal words | Label | ☐ Yes | | □ No | Max | | | |
| | SDS | ☐ Yes | | □ No | Max | | | |
| Hazard | Label | ☐ Yes | s | ☐ No | Max | | | |
| statements | | | | | | | | |
| | SDS | | | | | | | |
| Precautionary | Label | ☐ Yes ☐ No ☐ Max | | | | | | |
| statements | 000 | | | | | | | |
| SDS | | | | | | | | |
| How is the hierarchy | of pictograms, | nazard state | ments and pre | cautionary sta | atements defined? | | | |

| Not defined yet | | | | | | | |
|--|--------------------------------------|--------------------------------|--|--|--|--|--|
| | | | | | | | |
| Do you have any arrangements in place to deal with imported chemicals / products? i.e. is there a plan to implement alternate compliance provisions or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy? | | | | | | | |
| Deemed-to-comply provisions | Yes No | | | | | | |
| Accept additional criteria | Yes | □No | | | | | |
| Other arrangements | | | | | | | |
| Please provide a full description | Not defined yet | | | | | | |
| Do you have training and awaren | ess activities planned? If yes, plea | se provide some information. | | | | | |
| For the year 2011, it is planned private sector | to develop awareness activities | of GHS, both public and | | | | | |
| implementation? | personnel with another economy t | o improve harmonization of GHS | | | | | |
| Not for now | | | | | | | |
| implementation efforts. | concern you have experienced so | | | | | | |
| Our Economy has spent several years trying to implement GHS, however this has not resulted (there is not any document how it will be implemented). For this reason, in this stage our main objective is developing an implementation strategy. It has been difficult to get the participation of representatives organizations of civil society | | | | | | | |
| Industry to complete | | | | | | | |
| Has it been easy to access all neo | cessary information for compliance | 9? | | | | | |
| | | | | | | | |
| Do you see any specific issues th | at are limiting the progress of GHS | Simplementation? | | | | | |
| | | | | | | | |
| Please detail the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) | | | | | | | |
| | | | | | | | |
| What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved? | | | | | | | |
| | | | | | | | |
| How can governments best help industry with the implementation of GHS? | | | | | | | |
| | | | | | | | |

Agriculture

| Regulator to complete | | | | | | | | |
|--|-----------------------------|---------------------------|--------------|-----------------|---------------------------|--|--|--|
| Do you intend to implem | ent GHS for this sec | ctor? | | | | | | |
| ⊠ Yes | | ☐ No | | | | | | |
| If Yes, please provide th | e following details. | If No , no furthei | r answers a | are requi | red for the Industrial | | | |
| Workplace section. | | | | | | | | |
| Lead Government | Agricultural and | l Livestock Sei | rvice | | | | | |
| Agency | | | | | | | | |
| Contact person | Mr. Ignacio Figu | ieroa | | | | | | |
| Phone number | (56 2) 6950805 | | | | | | | |
| E-mail address | Ignacio.figueroa | <u>@sag.gob.cl</u> | | | | | | |
| Website | www.sag.cl | | | | | | | |
| Regulatory instrument | s - What is the statu | s of legislation | / regulator | y instrum | nents for this sector? | | | |
| □ Drafted | | | | | | | | |
| If proclaimed, please pro | | cess to the Act | e.g. web-li | nk, conta | act person. If not, when | | | |
| do you expect it to be pr | | | | | | | | |
| It is developing a Nation | nal Implementatio | n Strategy, wh | ich will in | clude th | e agricultural sector. | | | |
| Transition – What is the | timing for the trans | ition in this sec | tor? | | | | | |
| Begin | - | End | | | | | | |
| What arrangements will | be made available f | or business in t | his phase? |) | | | | |
| Not defined yet | | | | | | | | |
| Extent Do you intend t | o adopt all bazard a | locaification bui | lding blook | , CUS 6 | no nor the purple book? | | | |
| Extent - Do you intend t | o adopt all hazard c | | iding block | S GHS 8 | is per the purple book? | | | |
| If yes, please indicate th | a aut off painta for r | | l bo odonti | na whar | the chaice is given in | | | |
| | | | | | | | | |
| the purple book. E.g. se Not defined yet | isitisers. Il 110, pieas | se iist trie buildii | ilg blocks t | iial Will L | e adopted. | | | |
| Not defined yet | | | | | | | | |
| Do you intend to adopt a | anv non-GHS classif | ication criteria? | E.g. class | ification | of | | | |
| flammable/combustible | | | g | | | | | |
| Yes | -quius is of sites es | □No | | | | | | |
| If yes, please provide fu | l details of non-GHS | | considered | for ador | otion. | | | |
| Not defined yet | | | | | | | | |
| | | | | | | | | |
| Will there be a risk asse | ssment element ove | erlaid on top of (| GHS classi | fication of | on the label? If yes, how | | | |
| will it work? | | | | | | | | |
| Not defined yet | | | | | | | | |
| Labeling Will sook of | the following clamp | ata ha uaad aa | the lebel o | ~4 CDC 4 | and in there to be a | | | |
| Labeling – Will each of | | | | | and is there to be a | | | |
| maximum number of the If there are no maximum | | | | | in the appropriate | | | |
| column. | rnumbers specified, | piease write i | IOHE HEXL | lo iviax | пт те арргорпате | | | |
| Pictograms | Label | Yes | | No | Max | | | |
| i ictograms | SDS | Yes | | 10 10 | Max | | | |
| Signal words | Label | Yes | | 10 10 | Max | | | |
| Signal words | SDS | | | <u>ио</u> Ио | | | | |
| Howard statements | | Yes | | | Max | | | |
| Hazard statements | Label | Yes | | No. | Max | | | |
| Dragoutioner | SDS | Yes | | No. | Max | | | |
| Precautionary | Label | ☐ Yes | L L | No | Max | | | |
| statements | SD6 | □ Vaa | | ulo. | May | | | |
| How in the biographic of | SDS | Yes | | No | Max | | | |
| How is the hierarchy of | nctograms, nazard s | staternents and | precaution | iary state | aments defined? | | | |
| Not defined vet | | | | | | | | |
| Not defined yet | omonto in place to a | lool with image | ad chami- | alo / n=== | Juoto 2 i o io thora a | | | |
| Do you have any arrang | | | | | | | | |
| plan to implement altern | | | | | | | | |
| accept additional classif | <u>cation criteria (GHS</u> | or ornerwise) f | ioi adopte | a by youl | economy? | | | |

| Deemed-to comply provisions | | Yes | | No | | | | |
|--|--|---|--------------|---|--|--|--|--|
| Accept additional criteria | ☐ Yes ☐ No | | | | | | | |
| Other arrangements Please provide a full description Not defined yet | | | | | | | | |
| Do you have training and awaren | | | | | | | | |
| sector | For the year 2011, it is planned to develop awareness activities of GHS, both public and private | | | | | | | |
| Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation? | | | | | | | | |
| Not for now | | | | | | | | |
| Please list any specific issues of c implementation efforts. | | • | | | | | | |
| resulted (there is not an this stage our main obje | ıy d ecti | everal years trying to impleme ocument how it will be impler ve is developing an implemen he participation of representa | ner Itati | ited). For this reason, in on strategy. | | | | |
| Industry to complete | | | | | | | | |
| Has it been easy to access all nee | ces | sary information for compliance? | ? | | | | | |
| Pesticides, in accordance with existing regulation, must be registered prior putting the products on the market. In this process the industry must submit the data for supporting toxicological and ecotoxicological requirements required by the regulation. | | | | | | | | |
| Do you see any specific issues th | at a | re limiting the progress of GHS | imp | elementation? | | | | |
| We understand GHS uses FAO/WHO criteria for pesticides labeling | | | | | | | | |
| Please provide detail of the work required by industry to implement GHS, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) | | | | | | | | |
| We consider important develop joint training public and private sector, and the assimilation of FAO/WHO criteria about pesticides. | | | | | | | | |
| What are the expected benefits for industry through the implementation of GHS? Are there any risks that this benefit may not be achieved? | | | | | | | | |
| We consider important and beneficial the implementation of information system to users | | | | | | | | |
| How can governments best help industry with the implementation of GHS? | | | | | | | | |
| We consider indispensable the phased implementation of the system in order to generate capacities for each of them facilitating the implementation | | | | | | | | |

Transport

| Regulator to complete | | | | | | | |
|---|---|--|--|--|--|--|--|
| Do you intend to impleme | nt Dangerous Goods transport regulations based on the UN "Orange Book", | | | | | | |
| | s sector (based on the UN "Purple book") or not at all? | | | | | | |
| Please tick one of the follo | | | | | | | |
| | s Goods (DG) transport regulations based on the UN "Orange Book" | | | | | | |
| | d on the UN "Purple Book" | | | | | | |
| ■ No, do not intend to i | mplement GHS | | | | | | |
| | port regulations based on the UN "Orange Book", please complete Section 1 | | | | | | |
| and 2. If implementing GF | HS based on the UN "Purple Book" please complete Section 1 and 3. If not | | | | | | |
| | urther answers are required for this sector. | | | | | | |
| Section 1 | , | | | | | | |
| Please fill out the following | g details of the government agency responsible for the transport of | | | | | | |
| chemicals | | | | | | | |
| Lead Government | Ministry of Transport and Telecommunications, Transportation | | | | | | |
| Agency | Undersecretary | | | | | | |
| Contact person | Mr. Víctor Carrasco Poblete | | | | | | |
| Phone number | (56 2) 4213422 | | | | | | |
| E-mail address | vcarrasc@mtt.cl | | | | | | |
| Website | www.mtt.cl | | | | | | |
| Only | www.mtc.or | | | | | | |
| Section 2 | | | | | | | |
| | julations based on the UN "Orange Book" in operation in your economy? | | | | | | |
| X Yes | No | | | | | | |
| | ctor regulation compatible with GHS? Please explain how the interface | | | | | | |
| | range Book" based regulation works. If no, please provide the details of the | | | | | | |
| | ase provide links to relevant legislation, draft legislation and/or other | | | | | | |
| regulatory information. | ise provide links to relevant legislation, draft legislation and/or other | | | | | | |
| regulatory information. | | | | | | | |
| | | | | | | | |
| Section 3 | | | | | | | |
| | What is the status of legislation / regulatory instruments for this sector? | | | | | | |
| Regulatory instruments - What is the status of legislation / regulatory instruments for this sector? Drafted Bills Passed Proclaimed If proclaimed, date | | | | | | | |
| If proclaimed, please provide a means of access to the Act e.g. web-link, contact person. If not, when | | | | | | | |
| do you expect it to be proclaimed? | | | | | | | |
| ao you oxpoot it to be problamined: | | | | | | | |
| | | | | | | | |
| Transition – What is the | timing for the transition in this sector? | | | | | | |
| Transition – What is the timing for the transition in this sector? Begin 2011 End 2012 | | | | | | | |
| What arrangements will be made available for business in this phase? | | | | | | | |
| What arrangements will b | e made available for business in this phase: | | | | | | |
| Not defined yet | | | | | | | |
| | adopt all hazard classification building blocks CHS as per the purple book? | | | | | | |
| Extent - Do you intend to adopt all hazard classification building blocks GHS as per the purple book? | | | | | | | |
| Yes No | | | | | | | |
| If yes, please indicate the cut-off points for mixtures you will be adopting where the choice is given in | | | | | | | |
| the purple book. E.g. sensitisers. If no, please list the building blocks that will be adopted. | | | | | | | |
| Not defined yet | | | | | | | |
| Do you intend to adopt an | y non CHS alocalitication criteria? E.g. alocalification of | | | | | | |
| Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C. | | | | | | | |
| Yes No | | | | | | | |
| If yes, please provide full details of non-GHS criteria being considered for adoption. | | | | | | | |
| ii yes, piease provide iuii | details of Horr-GHS criteria being considered for adoption. | | | | | | |
| | | | | | | | |
| Will thoro be a rick cooses | Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how | | | | | | |
| will it work? | Sment element overlaid on top of GHS diassification on the laber? If yes, now | | | | | | |
| WILL WOLK: | | | | | | | |
| | | | | | | | |

| Labeling – Will each of the | | | | | | | S and is | there to be a | |
|---|---------------------|----------------------------|-------|-------------|-------------------------|-----------|------------|-----------------|--|
| maximum number of the following included on the SDS and the label? | | | | | | | | | |
| If there are no maximum numbers specified, please write "none" next to "Max" in the appropriate | | | | | | | | | |
| column. | | | | | | | | | |
| Pictograms | Label | | Щ | Yes | | No | | Max | |
| | SDS | | Щ | Yes | | No | | Max | |
| Signal words | Label | | Щ | Yes | | No | | Max | |
| | SDS | | Ш | Yes | | ☐ No | | Max | |
| Hazard statements | Label | | Ш | Yes | | No | | Max | |
| | SDS | | Ш | Yes | | No | | Max | |
| Precautionary | Label | | Ш | Yes | L | No | | Max | |
| statements | | | | | | _ | | | |
| | SDS | | | Yes | | No | | Max | |
| How is the hierarchy of pi | ctogram | s, hazard st | ate | ments and | d precauti | onary st | atements | defined? | |
| Not defined yet | | | | | | | | | |
| | | | | | | | | | |
| Do you have any arrange | | | | | | | | | |
| plan to implement alterna | | | | | | | | | |
| accept additional classific | | teria (GHS | or o | therwise) | not adopt | | | omy? | |
| Deemed-to comply provis | ions | ☐ Yes | | | | ☐ No |) | | |
| Accept additional criteria | | ⊠ Yes | | | | ☐ No |) | | |
| Other arrangements | | | | | | I | | | |
| Please provide a full desc | ription | | | | | | | | |
| , | | | | | | | | | |
| Do you have training and | awaren | ess activitie | s pla | anned? If | yes, plea | se provi | de some | information. | |
| . , | | | | | <i>y</i> , ₁ | | | | |
| For the year 2011, it is p | lanned | to develop | aw | areness | activities | on GHS | S in Tran | sport sector | |
| Are there any plans to excimplementation? | change | personnel w | ith a | another e | conomy to | o improv | e harmor | nization of GHS | |
| Not for now | | | | | | | | | |
| Please list any specific iss implementation efforts. | sues of o | concern you | ha | ve experie | enced so | far durin | g your GI | HS | |
| implementation enerts. | | | | | | | | | |
| Industry to complete | | | | | | | | | |
| Has it been easy to acces | s all ne | cessarv info | rma | tion for co | ompliance | ? | | | |
| Our norms have been be | | | | | | | cation ar | าd | |
| classification, at ground transport of Hazardous Materials. Nonetheless, our laws are still too basic to cover the risk on transportation of hazardous materials. | | | | | | | | | |
| Do you see any specific is | ssues th | at are limitir | ng th | ne progre | ss of GHS | 3 implem | nentation | / transport | |
| regulation? As far as we know, GHS will only apply to the labeling, but not to the packing for transport | | | | | | | | | |
| purpose. This means the pictograms that are use how the state chooses t | at packa d today | ages for tra . The main | nsp | oort, and | trucks ta | ınks, wi | II use the | e same | |
| Please provide detail of the work required by industry to implement GHS / transport regulations, including information on how this workload may be reduced. (e.g. Classification and labeling of all products. This workload is more acceptable if spread over a long implementation period. Training of staff, which if coordinated by Government, will help industry.) We believe that GHS implementation should not have important effects on hazardous | | | | | | | | | |
| materials transportation Book. | | | | | | | | | |

What are the expected benefits for industry through the implementation of GHS / transport regulations? Are there any risks that this benefit may not be achieved?

Improving regulations on transport will help the industry to compete on an even regulatory basis, because at that scenario, law will fixes the minimum safety standard.

How can governments best help industry with the implementation of GHS / transport regulations?

We believe the transport regulations could be improved, by motivating self regulations and/or the implementation of management systems that covers those kinds of operations.

Maintaining GHS Principles and Objectives in Global Implementation Regional GHS Classification Lists

Governments across the globe have begun or will soon begin the process to implement the UN Globally Harmonized System for Classification and Labeling (GHS). For many regions, this process will be complicated and potentially costly, and efforts to ease problems in transition will be considered. But as governments and stakeholders weigh options to minimize potential complications, they should remain focused to maintaining the overall approaches and principles articulated in the GHS

The architects of the GHS recognized that changes to "national systems will be required to achieve a single globally harmonized system..." In their efforts to make these changes, some regions are publishing lists of GHS classifications for specific chemicals. Other groups are considering a global database for chemical classifications. There may be benefits to such lists, particularly for some small enterprises that may not have the resources necessary to re-classify their chemical products. Such companies may appreciate the opportunity to use a published classification list.

But governments should remain cognizant to the potential pitfalls of such lists. For example, it is almost certain that as different regions develop chemical classification lists, they will come to different conclusions on classifications for some chemicals. This outcome runs counter to the overall objective of the GHS – which is harmonization across the globe. In addition, regional chemical classification lists do not typically address potential impurities in chemical products. This is important because in some cases, it is the impurities that would typically drive the hazard classification.

If a region opts to move forward with a classification list, it should clearly state that adherence to the list is voluntary. This action would preserve the GHS objective of self-classification¹, which is stated in the GHS framework (Section 1.3.2.1.2):

One objective of the GHS is for it to be simple and transparent with a clear distinction between classes and categories in order to allow for "self classification" as far as possible. For many hazard classes the criteria are semi-quantitative or qualitative and expert judgment is required to interpret the data for classification purposes. Furthermore, for some hazard classes (e.g. eye irritation, explosives or self-reactive substances) a decision tree approach is provided to enhance ease of use. (emphasis added)

In order to provide the flexibility needed for self-classification, a region with a classification list should provide a mechanism that allows companies to classify their products differently if they have data to support that new classification.

Additionally, if a region moves forward with a GHS classification list, it should provide clear explanation of the data used for the classifications listed. It should also remain flexible and capable to quickly change classifications, as new data becomes available.

¹ As articulated in the GHS framework (Section 1.1.4.1), "The GHS is designed to permit self-classification."