

7th Progress Report on the Implementation of GHS in APEC Economies
APEC Chemical Dialogue Virtual Working Group on GHS
April 2016

SUMMARY AND DISCUSSION

The implementation of GHS is continuing to progress in the APEC region for the Industrial Workplace sector. 11 out of 12 economies that have provided a status report have either fully implemented GHS or are in the process of staged implementation.

GHS does not appear to be a risk management system of choice for consumer products in most APEC economies. In previous reports, the cost of GHS implementation outweighing the benefits for consumer products has been highlighted as a major reason for GHS not being implemented for this sector.

Similarly for agricultural products, GHS does not appear to be appropriate as a risk management system of agricultural products on its own. Of the two economies that have implemented GHS for agriculture, New Zealand uses GHS as the basis for risk assessment and decisions, adding and removing appropriate risk management elements after risk assessment. While Vietnam has stated that it has implemented GHS for agricultural products, there has not been enough information to review the method of implementation.

In Australia, where GHS implementation in industrial workplace is impacting on agricultural chemicals, it is noted that neither the primary risk management body for agricultural chemicals, the Australian Pesticides and Veterinary Medicines Authority nor the regulated industry appear at ease with the impact of GHS in the agriculture sector.

It appears that there is a need to ensure that GHS is not implemented in addition to any economy's current agricultural regulatory framework based on FAO/WHO, in order to minimise duplicative or conflicting requirements which add cost without providing benefits.

It was noted in previous reports that the greatest benefit from GHS implementation would be derived from the Industrial Workplace sector if GHS could be implemented consistently between trading partners. However, significant inconsistencies continue to exist in APEC economies' implementation of GHS in all aspects of GHS implementation e.g. timing of implementation, classification "building blocks" adopted and use of economy specific mandatory classification databases.

Important current impediments to harmonisation identified by industry include:

- The differences in GHS mixture classification cutoff values/thresholds between economies;
- Different interpretations of how to apply the GHS classification criteria to unknown or variable composition, complex reaction products and biological materials (UVCBs);
- Implementation of non-GHS hazard end-points such as combustible dusts and asphyxiant gases; and
- Implementation of SDS formats by regulatory bodies that are divergence from GHS SDS formats.

This is a concerning trend, noting that the same issues are consistently being identified over several years. A comprehensive review of the obstacles to implementing GHS that is compatible within the APEC region at the APEC economy level is needed to provide solutions that can be implemented at the economy level.

In response to instructions from the Ministers Responsible for Trade in 2015, the Virtual Working Group (VWG) on GHS undertook a benchmark survey of the divergence in GHS implementation across APEC economies. That survey confirmed on an APEC-wide basis, what the annual

implementation reports had reported at an individual-economy level; APEC economies are implementing GHS differently – different hazard categories, revision numbers, classifications, cut-off values, etc. – undermining the benefits of a globally harmonized system.

APEC Ministers welcomed this research at the end of 2015 and called for a report in 2016 on steps that the CD was taking to reduce these divergences. In response to this call, the CD has submitted a project proposal, sponsored by Mexico and cosponsored by eight other APEC economies, for a multi-day information sharing and capacity building project to be held at SOM3 2016 on addressing these divergences.

This report underscores the importance of this work and the importance of APEC as a regional forum to maximize the trade and efficiency value and minimize the unnecessary costs of divergent implementation of the GHS. In order to achieve this, governments and industry must work together to find and implement pragmatic solutions.

RECOMMENDATIONS

- Note the report.
- Recommend that a comprehensive review of issues identified, and potential solutions to the issues at APEC economy level be considered by a government/industry joint-committee, noting that the Mexico proposal, if successful, could provide an opportunity for this. Potential solutions for discussion could include solutions previously identified and proposed by the VWG and industry members of the APEC CD:
 - Permitting companies to classify chemicals for hazard building blocks that have not yet been adopted by the economy;
 - Accepting SDSs and labels based on subsequent as well as currently adopted versions of the UN GHS Purple Book; and
 - Agreeing that any list of GHS classifications for chemicals published at an economy-specific level should be non-mandatory and be published for information purposes only.

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 (VWG) subsequently developed the GHS Implementation Reporting Template to be used for regular reporting of GHS implementation progress. Input is expected from 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 the need for capacity building.

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. The APEC CD is required to provide an annual GHS implementation status report to Trade Ministers.

At the 13th CD meeting in China in August 2014, the CD agreed to trial the Smart Form that was developed by Australia to allow electronic submission of the GHS implementation reports by the APEC Economies.

At the 16th CD meeting in Peru in February 2016, the CD agreed to a new timeline for annual GHS Implementation Status Reports in order to better align with the annual reporting cycle to Trade Ministers. The CD agreed to finalise the seventh GHS Implementation Status Report by 22 April 2016 and begin work on the eighth status report from post CD SOM 3 meeting in 2016.

In addition, the CD agreed to use the Smart Form only for reporting from the eighth GHS Implementation Status Report. A User Guide for the Smart Form is to be provided prior to this time (Action item 3.C.iii, CD16).

PROGRESS REPORT

This 2016 report is the seventh progress report of GHS implementation by APEC economies.

Of the 21 Member economies, the following is a table of those economies that have contributed to the GHS implementation report by completing the reporting template over time.

	2008/09	2010/11	2012	2013	2014	2015	2016
Australia	✓	✓	✓	✓	✓	✓	✓
Canada							✓
Chile	✓	✓	✓		✓		
Chinese Taipei	✓	✓	✓	✓			✓
Hong Kong, China	✓	✓	✓	✓		✓	✓
Indonesia				✓	✓		✓#
Japan	✓	✓	✓	✓	✓	✓	✓
Malaysia		✓			✓		✓#
Mexico						✓	
New Zealand	✓						✓

	2008/09	2010/11	2012	2013	2014	2015	2016
Peru						✓	
The Philippines	✓ [#]						✓
Republic of Korea	✓						
Russia		✓			✓		✓
Singapore	✓				✓		
Thailand			✓	✓			
Vietnam						✓	✓
The United States	✓	✓ [*]	✓ [*]	✓ [*]	✓ [*]	✓ [*]	✓

[#]Only the general information section was completed.

^{*}Only industry responses have been received.

In total, there are 13 GHS reporting templates from 12 economies for analysis for this report. Reports were received from – Australia; Canada; Chinese Taipei; Hong Kong, China; Indonesia; Japan; Malaysia; New Zealand; the Philippines; Russia; Vietnam, and separate forms from the United States government (OSHA) and industry (American Petroleum Institute (API)). The completeness of the report varies from only the “General” section being completed, to every section being completed. The reports from each of the economies are provided as Attachments 1-11, and Attachments 12a and 12b for the United States. Reports provided by Chinese Taipei and Malaysia after the sixth progress report (in 2015) have been included in this report.

Industrial Workplace

As previously reported, the Industrial Workplace sector continues to be the focal point for implementation of GHS. All economies except Malaysia and Indonesia¹ completed the Regulator section for Industrial Workplace. Nine of the 12 economies currently have GHS in force (with some economies in transition). Of the remaining three economies, the Philippines is in the process of staged GHS implementation by substance groups, and in Russia, GHS is currently implemented on a voluntary basis. Hong Kong, China plans to implement GHS for Industrial Workplace but the details of implementation are yet to be finalised.

The challenges and concerns identified in this report mirrors the challenges raised in previous reports. These include:

- Different “building blocks” being implemented by different economies leading to divergent implementation of GHS.
- Different editions of GHS being implemented by different economies.
- Need for capacity building – shortage of expertise in SMEs, and in regulatory agencies for enforcement.
- Discrepancies in classifications of the same chemical by different economies.
- International GHS implementation schedule not being aligned.

New issues were also raised. These include:

- Difficulties with small package labelling, and
- Keeping local legislation up to date with GHS revisions,
- Unclear implementation plan and timeline for local legislation when updating to incorporate revised GHS editions,
- Implementation of non-GHS building blocks by some economies,
- Difficulty finding necessary GHS compliance information from some APEC economies, including restricted access to regulations, information, and/or websites
- Country requirements that include all options for mixture cut-off values without specifying which is appropriate for compliance, and

¹ Malaysia and Indonesia have completed the “general” section only.

- Divergence in the SDS requirements from GHS SDS format by different regulatory bodies.

The American Petroleum Institute (API) in particular has raised significant concerns with the process of GHS implementation in the USA. The United States Occupational Safety and Health Administration (OSHA) published requirements to implement the GHS on 26 March 2012, and recently published guidance on hazard classification and weight of evidence determinations. It is understood that the United States industry has expressed several concerns with these requirements, including but not limited to Compliance Directives being unavailable in time for use in compliance strategies, the lack of timeframe for aligning with GHS, and no publication yet of letters of interpretation.

It should be noted that despite the challenges to GHS implementation being raised for several years in a row, and GHS having been fully implemented in the majority of economies providing implementation information, it appears that solutions have not been implemented at the APEC economy level. While APEC CD has been working towards solutions to issues identified, it may be time for a comprehensive review and discussion on pragmatic solutions that may be agreed upon at the APEC level, and implemented at the economy level.

While the VWG has progressed several projects identifying and proposing solutions to GHS implementation, the lack of government involvement from APEC economies is a significant barrier in the proposed solutions being considered for implementation at the economy level. Currently, there is one government representative from Singapore participating in the work of the VWG.

Should the Mexico proposal for a GHS workshop be successfully funded, this may provide an opportunity for a comprehensive review and discussion of issues identified through the GHS Implementation Status Reports, where governments and industry can both equally contribute to a discussion on potential, pragmatic solutions. This could lead to implementation of solutions to GHS implementation issues for the APEC CD economies.

Consideration of solutions for GHS implementation issues for the workplace can also include implementation assistance and training material for the APEC region, including but not limited to:

- Electronic guidance learning tools with modules for awareness training, classification of chemicals and training on recognition and use of pictograms,
- Posters with summary of GHS elements and what they mean, and
- A reference table with different GHS requirements on the region (and potentially globally).

Consumer

As previously reported, GHS implementation for consumer goods does not appear to be a priority for most of the APEC economies.

Only Australia, Japan, New Zealand and the API have provided information on GHS implementation for consumer products, and of the four, only the New Zealand government has implemented GHS for consumer products. In addition, New Zealand implementation of GHS is flexible and does not mandate GHS labelling on products. New Zealand also accepts products that are compliant to the Australian, the United States, Canadian or the EU labelling requirements. In Japan, GHS implementation for consumer products has progressed on a voluntary basis.

This year's reports appear consistent with previous GHS implementation reports. Previous reports identified that economies, particularly those with established systems for managing the risks of consumer products, were experiencing difficulty establishing the overall benefit of implementing GHS, as the benefits for GHS implementation identified in the Industrial Workplace

sector did not apply to the consumer products sector. Language differences, cultural preferences and other local regulatory requirements were identified as more significant factors for consumer products than they were for industrial workplace chemicals.

Agriculture

Australia, Chinese Taipei, Japan, New Zealand, Vietnam and the API have provided reports on GHS implementation for agriculture.

Japan has identified that it does not plan to implement GHS for agriculture, and Australia, Chinese Taipei and the United States are yet to implement GHS for the agricultural chemicals sector.

New Zealand and Vietnam have reported that GHS has been implemented for this sector. However, as for consumer products, the New Zealand implementation of GHS is flexible and includes risk management assessment in addition to GHS. Further, GHS labels are not mandated in New Zealand.

In previous reports, economies had indicated that they follow the UN Food and Agricultural Organisation (FAO) rules. WHO and FAO labelling were the internationally accepted labelling for agricultural pesticides. Some had indicated that they have implemented or are considering implementation of GHS on top of the FAO rules.

In the Australian report, industry identified that the additional cost burden imposed on industry by GHS implementation being added on top of existing regulatory requirements which closely align with the WHO and FAO requirements. This is due to agricultural chemicals being treated as a workplace chemical as well as an agricultural chemical. The Australian industry identified zero benefit from the additional regulatory requirements. We note that no other economy has provided an industry input for GHS implementation in agriculture.

The VWG has previously recommended a closer study of GHS implementation for the agricultural sector, however, there has not been a significant level of interest in the project. In the previous report, it was also noted that the low level of interest in GHS implementation for the agricultural chemicals sector may be due to the wide use of FAO *“Guidelines on Good Labeling Practice for Pesticides”* within APEC.

Further GHS implementation for the agricultural chemicals sector in some economies like Australia, appears to be due to the implementation of GHS in other sectors such as the industrial workplace sector, rather than a deliberate strategy for implementation of GHS specifically for agricultural chemicals.

Noting this, it may be more helpful to consider potential methods of reducing any unintended negative impact of GHS implementation on the agricultural sector, rather than considering any specific projects on GHS implementation for this sector.



Global Harmonization System (GHS) for Chemical Labelling SmartForm

Asia-Pacific Economic Cooperation

Tracking Code: **LNGXRS**

Your form has been successfully submitted. Please keep a copy of this acknowledgement for your records.



Date and Time: **08 Apr 2016 9:25:09 AM**

Receipt Number: **global-harmonization-14**

To save or print a copy of the completed form and acknowledgement go to the "File" menu and select "Save as" or "Print".

Introduction

Responding for

Please select your economy *

Australia

How are you responding *

- General Information
- As a Regulator for the Industrial Workplace Chemicals Sector
- As a Regulator for the Consumer Products Sector
- As a Regulator for the Agricultural Chemicals Sector
- From Industry for the Industrial Workplace Chemicals Sector
- From Industry for the Consumer Products Sector
- From Industry for the Agricultural Chemicals Sector

Respondent details

Organisation/Agency

Department of Industry, Innovation & Science

Name

Dr Craig Johnston

Phone number

02 2613 7350

Email address

Craig.Johnson@industry.gov.au

Have you completed a GHS implementation status report in previous years? *

Yes

No

Please provide the year when the last report was completed *

2015

Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation Status report? *

Yes

No

General Information

General Information

Has your economy implemented GHS for any chemical sector to date?

Yes

No

Is there an overall strategic plan for GHS implementation?

Yes

No

Do you have a GHS co-ordinator to facilitate implementation within your economy?

Yes

No

Please provide your co-ordinators details

Organisation/Agency

Safe Work Australia

Name

Phone number

+61 2 6121 5317

Email address

info@safeworkaustralia.gov.au

Website

www.safeworkaustralia.gov.au

Do you have a hazard classification database?

Yes

No

Is this database mandatory?

Mandatory classification

Information only

How do you access the database?

As GHS is implemented through workplace regulations, the database is for information only.

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Regulator Input - IWCS

Industrial Workplace Chemicals Sector

Does your agency or organisation have responsibility for GHS implementation for this sector? *

Yes

No

Please provide the following details

Lead Government Agency

Safe Work Australia

Contact Person

Dr Paul Taylor

Phone number

+61 2 6240 6888

Email address

paul.taylor@swa.gov.au

Website

www.safeworkaustralia.gov.au

Has GHS been implemented for this sector? *

Yes

No

Which edition of GHS is/was implemented?

Revised Edition 3 (2009)

When is/was GHS fully operational for this sector?

The GHS will be implemented for all chemicals used in workplaces through hazardous chemical regulations under the Work, Health and Safety Act in each jurisdiction in Australia. There is a phased introduction over five years from 2012 introduction.
As at 1 January 2016, six out of the nine jurisdictions (including the Commonwealth) have implemented the new WHS laws incorporating the GHS for classification, labelling and SDS. The remaining 3 jurisdictions allow for the operation of GHS within existing regulations. The Model Health and Safety legislation on which all State legislation are to be based is finalised. Not all States have implemented the Model Work Health and Safety legislation.

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Have you finalised the relevant legislation to implement GHS?

Yes

No

Please provide the access details to the documentation. E.g. Website link, contact phone number

<http://www.safeworkaustralia.gov.au/Legislation/Pages/ModelWHSLegislation.aspx>

Do you intend to adopt all GHS hazard classification building blocks as written in the Purple Book?

Yes

No

Please describe the building blocks that will be adopted

0 of 1000 characters

Do you intend to adopt any non-GHS classification criteria? E.g. Classification of flammable/combustible liquids beyond 93° Celsius

Yes

No

Will there be a risk assessment element overlaid on top of GHS classification on the label?

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the Safety Data Sheets (SDS)?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the label?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

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. guidance on labelling allows some precautionary statements to be omitted - recommends maximum 6PS. Other information (eg Risk-based advice for pesticides) may be present on the label in addition to workplace GHS requirements.

388 of 1000 characters

Do you have any arrangements in place to deal with imported chemicals/products? E.g. Will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

Yes

No

What are your arrangements to deal with imported chemicals/products?

Deem-to-comply" provisions. All jurisdictions prior to implementation of the harmonised WHS laws amended legislation to accept GHS classified and labelled chemicals. The new WHS laws also allow additional GHS classifications to be communicated on labels.

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Do you have training and awareness activities planned?

Yes

No

What are your planned training and awareness activities?

Awareness and training materials are planned. Guidance on classification is available from the Safe Work Australia website. Other guidance to assist users understand labels and SDS is also available. Private contractors are available to provide GHS training to Australian business. Australia is supporting the UN Sub-Committee of Experts on the GHS and the OECD in developing a non-mandatory GHS classification list. Reference: <http://hsis.safeworkaustralia.gov.au> (GHS Information GHS Hazardous Chemical Information List)

525 of 1000 characters

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

Yes

No

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

Accommodating differing perspectives on chemical safety issues between industry, regulatory authorities and the general community.

130 of 1000 characters

Do you have more information to supply that did not fit into the fields above?

Yes

No

Regulator Input - CPS

Consumer Products Sector

Does your agency or organisation have responsibility for GHS implementation for this sector? *

Yes

No

Please provide the following details

Lead Government Agency

Therapeutic Goods Administration

Contact Person

Phone number

Email address

Website

Has GHS been implemented for this sector? *

Yes

No

Which edition of GHS is/was being implemented?

Revised Edition 3 (2009)

When is/was GHS be fully operational for this sector?

Existing State/Territory Poisons Acts for poisons scheduling (health related classification and labelling) provide a suitable basis. Contacts for information and advice on legislation requirements can be found at <http://www.tga.gov.au/industry/scheduling.htm>. The Therapeutic Goods Act, 1989 and Regulations (Commonwealth) define poisons scheduling arrangements. The Act can be found via <http://www.tga.gov.au/Industry/scheduling-legislation.htm>. Environmental elements may require a legislative basis.

503 of 1000 characters

Have you finalised the relevant legislation to implement GHS?

Yes

No

Please provide the access details to the documentation. E.g. Website link, contact phone number

<http://www.tga.gov.au/industry/scheduling-legislation.htm>

Do you intend to adopt all GHS hazard classification building blocks as written in the Purple Book?

Yes

No

Please indicate the cut-off points you will be adopting where the choice is given in the Purple Book. E.g. Sensitisers

Under consideration. However, it is desirable that there be integration with existing requirements so as to minimise disruption to existing classification arrangements.

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Do you intend to adopt any non-GHS classification criteria? E.g. Classification of flammable/combustible liquids beyond 93° Celsius

Yes

No

Will there be a risk assessment element overlaid on top of GHS classification on the label?

Yes

No

How will it work?

Risk assessment will be overlaid on top of GHS classification. Under the Therapeutic Goods Act, the Poisons Scheduling system requires a range of factors that must be considered in addition to the universal scale of toxicity. These include purpose of use, presentation and packaging, potential for abuse, safety in use, the need for specialist training or personal protective equipment for safe or effective use, and the need for access to the substance. The scheduling policy framework can be found at <http://www.tga.gov.au/pdf/scheduling-policy-framework.pdf>. The Poisons Standard is available at: <http://www.tga.gov.au/industry/scheduling-poisons-standard.htm>.

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Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the Safety Data Sheets (SDS)?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

How many?

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the label?

Pictograms

Yes

No

Hazard Statements

Yes

No

How many?

Precautionary Statements

Yes

No

How is the hierarchy of Pictograms, Hazard Statements and Precautionary Statements defined?

Pictograms are not favoured by Health authorities. The hierarchy of hazard statements not yet finalised. Precautionary statements to be added as necessary.

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Do you have any arrangements in place to deal with imported chemicals/products? E.g. Will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

Yes

No

Do you have training and awareness activities planned?

Yes

No

What are your planned training and awareness activities?

To be initiated prior to implementation.

40 of 1000 characters

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

Yes

No

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

0 of 1000 characters

Do you have more information to supply that did not fit into the fields above?

Yes

No

Regulator Input - ACS

Agricultural Chemicals Sector

Does your agency or organisation have responsibility for GHS implementation for this sector? *

Yes

No

Please provide the following details

Lead Government Agency

Contact Person

Phone number

Email address

Website

Has GHS been implemented for this sector? *

Yes

No

Do you intend to implement GHS for this sector in the next 2 years? *

Yes

No

Which edition of GHS is/was being implemented?

When is/was GHS be fully operational for this sector?

to add GHS hazard and precautionary statement on agricultural chemical labels will follow GHS implementation for workplace chemicals. Safe Work Australia, the agency responsible for implementing GHS for workplace chemicals, is also responsible for implementing some labelling elements of GHS (hazard and precautionary statements only) for agricultural products. For agricultural chemical product labels that were assessed since the APVMA labelling reform in 2011, WHS laws require the registrant to add GHS labelling elements to produce label.

699 of 1000 characters

Have you finalised the relevant legislation to implement GHS?

Yes

No

Please provide the access details to the documentation. E.g. Website link, contact phone number

Do you intend to adopt all GHS hazard classification building blocks as written in the Purple Book?

Yes

No

Please describe the building blocks that will be adopted

0 of 1000 characters

Do you intend to adopt any non-GHS classification criteria? E.g. Classification of flammable/combustible liquids beyond 93° Celsius

Yes

No

Will there be a risk assessment element overlayed on top of GHS classification on the label?

Yes

No

How will it work?

GHS information and risk assessment elements will be completely separate. Both sets of information will appear on the label. The APVMA undertakes a risk assessment for all agvet chemicals and must be satisfied that the label contains adequate instructions for safe and effective use before they are registered. The registration/authorisation is for specific uses set out on the label. The instructions for use, relevant hazard information and various other label content required by agvet chemical legislation (referred to as "relevant label particulars") are approved by the APVMA as an outcome of the risk assessment. GHS labelling elements are additional to, and independent of, the relevant label particulars approved by the APVMA, and are added by the manufacturer following their self-assessment against the GHS criteria to meet the requirements of the new WHS legislation for workplace chemicals, described above.

920 of 1000 characters

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the Safety Data Sheets (SDS)?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the label?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

How is the hierarchy of Pictograms, Hazard Statements and Precautionary Statements defined?

0 of 1000 characters

Do you have any arrangements in place to deal with imported chemicals/products? E.g. Will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

Yes

No

What are your arrangements to deal with imported chemicals/products?

All imported agvet chemicals must be assessed and registered by the APVMA.

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Do you have training and awareness activities planned?

Yes

No

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

Yes

No

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

0 of 1000 characters

Do you have more information to supply that did not fit into the fields above?

Yes

No

Industry Input - IWCS

Industrial Workplace Chemicals Sector

This section is for any industry associates who may wish to comment regarding the GHS implementation process.

Has it been easy to access all necessary information regarding GHS compliance?

Access to necessary information has been inconsistent and patchy. Information on GHS requirements are broadly available but can be difficult to navigate and interpret. While some sectors of industry are managing the transition well, others are struggling with ambiguities and lack of clear interpretation provided by government.

For example, the Australian government has provided a draft, non-mandatory classification list for chemicals based on the classification list in the EU CLP Regulations. However, unlike the EU CLP, the Australian list does not contain the mixture cut-off levels for the classified substances, which has caused some confusion as to whether the cut-off levels used in the EU CLP is acceptable or whether the cut-offs in the GHS text should be used as a default.

788 of 1000 characters

Are there specific issues that are limiting the progress of GHS implementation?

Some sectors of industry are expressing concern with the final transition date – especially sectors with complex mixtures, while other participants have well developed and coordinated transition plans.

As all mixtures as well as single substances must comply with GHS by 31 December 2016 this is likely to be difficult for formulators and product manufacturers that are depending on GHS classification information from their upstream suppliers.

There is still need for more training and awareness as well as common understanding of requirements between the regulators and regulated entities.

593 of 1000 characters

What are/were the expected costs for industry in the GHS implementation?

- Training for awareness and new procedures (for industry, users and consumers)
 - Classification of chemicals/mixtures
 - Preparation of GHS safety data sheets and labels
 - Management of GHS and non-GHS labels and safety data sheets during transition; including customer inquiries and education
 - Increased products (mixtures) being classified as hazardous, resulting in more products requiring special storage licensing e.g. corrosives.

439 of 1000 characters

If your economy has implemented GHS, is there any difference in expected cost prior to implementation and actual cost post-implementation of GHS?

While we are yet to fully implement GHS, some industry sectors believe that there will be additional cost for storage of products that are now classified as hazardous (were previously not classified as hazardous).

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What are/were the expected benefits for industry through the GHS implementation?

A key question remains as to whether GHS will facilitate trade and reduce transaction costs. Large multi-national enterprises expect that GHS could deliver benefits in managing chemical trade, but differences in implementation (between economies and between regulatory schemes within economies) diminish this opportunity.

321 of 1000 characters

If your economy has implemented GHS, is there a difference in expected benefits prior to implementation and actual benefits post-implementation of GHS?

As we are currently in the implementation phase, we are yet to understand the full benefits of GHS implementation.

114 of 1000 characters

Organisation/Agency

Accord Australasia

Name

Catherine Oh

Phone number

+61 2 9281 2322

Email address

coh@accord.asn.au

Do you have more information to supply that did not fit into the fields above?

Yes

No

Industry Input - CPS

Consumer Products Sector

This section is for any industry associates who may wish to comment regarding the GHS implementation process.

Has it been easy to access all necessary information regarding GHS 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.

[http://www.health.gov.au/internet/main/publishing.nsf/Content/7FE108F56018FC1DCA2575910011D11E/\\$File/GHS%20Discussion%20Paper_Final%20Draft%20for%20Approval_16%20March%202009.pdf](http://www.health.gov.au/internet/main/publishing.nsf/Content/7FE108F56018FC1DCA2575910011D11E/$File/GHS%20Discussion%20Paper_Final%20Draft%20for%20Approval_16%20March%202009.pdf).

However, this consideration was done many years ago, and there has been no discussion on GHS since then. It is our understanding that GHS will not be implemented for consumer products sector and risk based regulations will continue to be applied.

698 of 1000 characters

Are there specific issues that are limiting the progress of GHS implementation?

No. There is some confusion due to perceived overlaps in regulatory controls. Some consumer products are regulated as medicines (e.g. some toothpastes, mouthwashes and sunscreen) under the Therapeutic Goods Act 1989 (Cth) and some as agvet chemicals (e.g. household pesticides and herbicides) under the Agricultural and Veterinary Chemicals Code Act 1994.

In some sections of the Work Health and Safety legislation which implements GHS for workplace chemicals, all consumer products are excluded from workplace chemical labeling requirements if they are used in a manner that is consistent with normal consumer use. In other sections it is stated that all agvet chemicals and some therapeutic goods must include some workplace labeling elements.

Industry has attempted work through this inconsistency at the drafting stage of workplace chemicals legislation with some success, but unfortunately ambiguity still remains.

921 of 1000 characters

What are/were the expected costs for industry in the GHS implementation?

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. However, no work has progressed by DoHA since the initial proposal in 2009.

The implementation of GHS in this sector (as per the DoHA preferred option in its consultation document) is not expected to have a significant impact on industry. We expect that regulators will witness more changes, as they move to GHS hazard classification system to perform their risk assessment. There are some changes expected in control of some consumer products since GHS hazard classification appears more conservative than the current system, particularly for mixtures.

Long transition period and consistent and transparent communication on the new requirements from governments as they are developed will also help to reduce the cost for industry in implementing of GHS.

959 of 1000 characters

If your economy has implemented GHS, is there any difference in expected cost prior to implementation and actual cost post-implementation of GHS?

0 of 1000 characters

What are/were the expected benefits for industry through the GHS implementation?

Very little benefit is expected through the implementation of GHS. Australian consumer product 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. The workplace chemicals sector, which includes all manufacturing sectors, has already begun implementation of GHS in some Australian States and Territories.

527 of 1000 characters

If your economy has implemented GHS, is there a difference in expected benefits prior to implementation and actual benefits post-implementation of GHS?

0 of 1000 characters

Organisation/Agency

Accord Australasia

Name

Catherine Oh

Phone number

+61 2 9281 2322

Email address

coh@accord.asn.au

Do you have more information to supply that did not fit into the fields above?

Yes

No

Industry Input - ACS

Agricultural Chemicals Sector

This section is for any industry associates who may wish to comment regarding the GHS implementation process.

Has it been easy to access all necessary information regarding GHS compliance?

Information regarding hazard and precautionary statements required by workplace regulators is available, but is difficult to find for agricultural chemical registrants as it is not available from the APVMA. Conflicting requirements from risk-based APVMA approved label particulars and GHS hazard-based workplace requirements are creating confusion among product registrants.

374 of 1000 characters

Are there specific issues that are limiting the progress of GHS implementation?

Two separate regulators have imposed differing regulatory standards on agricultural chemicals used in the workplace. This will make compliance by product registrants difficult and risks providing users with inaccurate, confusing and contradictory information about the hazards and risks associated with the product. APVMA has stated that it will not be assessing hazard and precautionary statements required by workplace regulators.

432 of 1000 characters

What are/were the expected costs for industry in the GHS implementation?

Direct costs include regulatory costs associated with updating all product labels to meet workplace labeling requirements. This will also involve regulatory approval for revised label statements. These costs have been estimated to be \$60.5m during the transitional phase.

Indirect costs include:

- Recertification of distribution, transport and retail supply chains in accordance with existing stewardship arrangements; and
- Retraining existing users so that they may understand how to use new information included on labels.

Costs of additional training are estimated to be \$50m. Total costs of GHS implementation in this sector is expected to exceed \$110m. This does not include opportunity costs from delaying or precluding the introduction of new crop protection technologies.

Additional costs may also be incurred through creating labels with excessive numbers of hazard and precautionary statements that result in user confusion and consequently poorer risk management decision.

990 of 1000 characters

If your economy has implemented GHS, is there any difference in expected cost prior to implementation and actual cost post-implementation of GHS?

0 of 1000 characters

What are/were the expected benefits for industry through the GHS implementation?

Australia has a well-developed and rigorous risk-based system for labeling agricultural chemicals administered by the APVMA. This is supported by existing requirements for all workplaces to have Safety Data Sheets for all hazardous chemicals in that workplace.

The APVMA's labeling system includes requiring hazard information that is relevant to the use of the product. Under APVMA arrangements, some hazard information can be excluded from labels where that hazard does not give rise to anything more than a negligible risk to workers and other users. This is consistent with FAO and WHO best practice guidance with respect to agricultural chemical products.

Extending hazard information on labels (which is already required to be kept on workplace SDSs) is not expected to provide any human health or workplace safety benefits. In fact, there is a real risk that additional complexity and confusing labels may result in poorer chemical risk management.

956 of 1000 characters

If your economy has implemented GHS, is there a difference in expected benefits prior to implementation and actual benefits post-implementation of GHS?

0 of 1000 characters

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Accord Australasia

Name

Catherine Oh

Phone number

+61 2 9281 2322

Email address

coh@accord.asn.au

Do you have more information to supply that did not fit into the fields above?

Yes

No

2016 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 (UNSCGHS).

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.

At the APEC CD 2014, the CD agreed to trial the use of an online based Smart Form to report on the GHS Implementation. Noting that additional work is ongoing on the Smart Form to make it more user friendly, the CD agreed that Members can complete either the Smart Form or this word document template.

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History

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.

With the finalisation of the 2009 report, 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.

Six GHS implementation reports have been finalized so far – 2009, 2010/11, then annually from 2012 to 2015. Summary of implementation progress was compiled for APEC Ministers in 2009, then annually from 2011 to 2015 based on these responses. At the APEC CD 2012 a decision was reached to publish the GHS implementation reports on the GHS Reference Exchange and Tool (GREAT) website hosted by the Chinese Taipei to allow sharing of this information

(<http://great.osha.gov.tw/ENG/index.aspx>). It is expected that the 2016 report will also be made available on the GREAT website.

General

Please provide the Economy for which this Template is completed below.	
Have you completed a GHS implementation status report in previous years?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide the year when the last report was completed.	
Yes, the last report was provided in April 2015.	
Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation status report?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Does your Economy intend to adopt and implement GHS for any chemical sector in the near future (Starting work within the next 2 years)?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Is there an overall strategic plan for GHS implementation?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, where can it be found? Please list websites, attach documents, etc.	
Do you have a GHS coordinator to facilitate implementation discussions within your economy?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please fill out the following information for the coordinator:	
Organisation / Agency	
Name	
Phone number	
E-mail address	
Website	
Do you have a hazard classification database?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, is it mandatory classification, or for information only? How do you access the database?	

Industrial Workplace

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	Health Canada
Contact person	Workplace Hazardous Materials Bureau
Phone number	1-855-407-2665
E-mail address	WHMIS_SIMDUT@hc-sc.gc.ca
Website	http://www.hc-sc.gc.ca/ewh-semt/occup-travail/whmis-simdut/index-eng.php
When do you plan to implement GHS for this sector?	
Went into force February 11, 2015.	
How long is the phase in period and what are the transition arrangements?	
http://www.hc-sc.gc.ca/ewh-semt/occup-travail/whmis-simdut/transition/index-eng.php	
Are the main relevant legislations implementing GHS finalized and in operation?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 finalized?	
Hazardous Products Act: http://laws-lois.justice.gc.ca/eng/acts/H-3/ Hazardous Products Regulations: http://laws-lois.justice.gc.ca/eng/regulations/SOR-2015-17/	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
All building blocks of the GHS (rev. 5) have been adopted except the following: Explosives hazard class; Flammable Gases – Category A and B (chemically unstable gases); Aerosols – Category 3; Acute Toxicity – Category 5; Skin Corrosion/Irritation – Category 3; Aspiration Hazard – Category 2; Hazardous to the aquatic environment hazard class; and Hazardous to the ozone layer hazard class.	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, please provide full details of non-GHS criteria being considered for adoption.	
The following additional (non-GHS) hazard classes have been adopted: Combustible Dusts; Simple Asphyxiants; Pyrophoric Gases; Physical Hazards Not Otherwise Classified; Health Hazards Not Otherwise Classified; and Biohazardous Infectious Materials. The criteria for these hazard classes can be found in the <i>Hazardous Products Regulations</i> at: http://laws-lois.justice.gc.ca/eng/regulations/SOR-2015-17/index.html	
Will there be a risk assessment element overlayed on top of GHS classification on the label? If yes, how will it work?	
No	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	No
Hazard statements	No
Precautionary statements	No
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
N/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 classification criteria (GHS or otherwise) not adopted by your economy?	
Imported products must comply with all Canadian requirements. Additional information on	

labels and SDSs is allowed so long as it does not provide a false or misleading impression with respect to the required information.

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

<http://whmis.org/>

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

Not at this time.

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

None at this time.

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?

Consumer Products

Regulator to complete	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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, how will it work?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.
<i>Industry to complete</i>
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

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks of GHS as is written in the purple book?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or “deemed-to comply” provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.
<i>Industry to complete</i>
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?



Asia-Pacific Economic Cooperation

Global Harmonization System (GHS) for Chemical Labelling SmartForm

Tracking Code: **2T2C4B**

Your form has been successfully submitted. Please keep a copy of this acknowledgement for your records.



Date and Time: **03 Jan 2016 7:25:19 PM**

Receipt
Number: **global-harmonization-9**

To save or print a copy of the completed form and acknowledgement go to the "File" menu and select "Save as" or "Print".

Introduction

Responding for

Please select your economy *

Chinese Taipei

How are you responding *

- General Information
- As a Regulator for the Industrial Workplace Chemicals Sector
- As a Regulator for the Consumer Products Sector
- As a Regulator for the Agricultural Chemicals Section
- From Industry for the Industrial Workplace Chemicals Sector
- From Industry for the Consumer Products Sector

From Industry for the Agricultural Chemicals Sector

Respondent details

Organisation/Agency

Safety and Health Technology Center (SAHTECH)

Name

Dr. Jowitt Li

Phone number

+886-6-2937770

Email address

joli@sahtech.org

General Information

General Information

Has your economy implemented GHS for any chemical sector to date?

Yes

No

Is there an overall strategic plan for GHS implementation?

Yes

No

You will be prompted to add an attachment when you submit the form.

Do you have a GHS co-ordinator to facilitate implementation within your economy?

Yes

No

Please provide your co-ordinators details

Organisation/Agency

Safety and Health Technology Center (SAHTECH)

Name

Dr. Jowitt Z. Li

Phone number

+886-6-2937770

Email address

joli@sahtech.org

Website

Do you have a hazard classification database?

Yes

No

Is this database mandatory?

Mandatory classification

Information only

How do you access the database?

<http://ghs.osha.gov.tw/>

Regulator Input - IWCS

Industrial Workplace Chemicals Sector

Does your agency or organisation have responsibility for GHS implementation for this sector? *

Yes

No

Please provide the following details

Lead Government Agency

Ministry of Labor

Contact Person

Kuo-Ming CHANG

Phone number

+886-2-89956666

Email address

gorman@osha.gov.tw

Website

http://ghs.osha.gov.tw/

Has GHS been implemented for this sector? *

Yes

No

Which edition of GHS is/was implemented?

Revised Edition 4 (2011)

When is/was GHS fully operational for this sector?

1 January 2016 (with additional one year of transitional period)

Have you finalised the relevant legislation to implement GHS?

Yes

No

Please provide the access details to the documentation. E.g. Website link, contact phone number

<http://law.moj.gov.tw/>

Do you intend to adopt all GHS hazard classification building blocks as written in the Purple Book?

Yes

No

Please indicate the cut-off points you will be adopting where the choice is given in the Purple Book. E.g. Sensitisers

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 flammable/combustible liquids beyond 93° Celsius

Yes

No

Will there be a risk assessment element overlayed on top of GHS classification on the label?

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the Safety Data Sheets (SDS)?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the label?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

How is the hierarchy of Pictograms, Hazard Statements and Precautionary Statements defined?

Pictograms, hazard statements and precautionary statements are required for chemical container labelling specified in the Regulations for the Labeling and Hazard Communication of Hazardous Chemicals.

Do you have any arrangements in place to deal with imported chemicals/products? E.g. Will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

Yes

No

Do you have training and awareness activities planned?

Yes

No

What are your planned training and awareness activities?

Yes,
MOL has trained more than 270 instructors responsible for GHS awareness-raising and implementation in 2008. By December 2015, more than 150,000 participants were involved in various awareness-raising and training activities. Copies of GHS pictogram posters, brochures, training materials, quarterly e-newsletters, and multi-media video clips are distributed to target audiences and companies.

Official GHS website for awareness-raising materials and schedules (<http://ghs.osha.gov.tw/>). GHS classification results of 4,600+ substances are provided for SME as reference. MOL is operating the APEC project G.R.E.A.T. website to provide GHS labelling elements in different languages.

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

Yes

No

What are your plans to exchange personnel with another economy to improve harmonisation of GHS

In planning, typically through APEC CD arrangement among others.

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.

Regulator Input - CPS

Consumer Products Sector

Does your agency or organisation have responsibility for GHS implementation for this sector? *

Yes

No

Regulator Input - ACS

Agricultural Chemicals Sector

Does your agency or organisation have responsibility for GHS implementation for this sector? *

Yes

No

Please provide the following details

Lead Government Agency

Council of Agriculture, Executive Yuan

Contact Person

Dr. Jowitt Li

Phone number

+886-6-2937770

Email address

joli@sahtech.org

Website

<http://ghs.baphiq.gov.tw/> (Chinese only)

Has GHS been implemented for this sector? *

Yes

No

Do you intend to implement GHS for this sector in the next 2 years? *

Yes

No

Which edition of GHS is/was being implemented?

Revised Edition 4 (2011)

When is/was GHS be fully operational for this sector?

In planning.

Have you finalised the relevant legislation to implement GHS?

Yes

No

When do you expect this to be finalised?

In planning.

Do you intend to adopt all GHS hazard classification building blocks as written in the Purple Book?

Yes

No

Please describe the building blocks that will be adopted

Not determined yet.

Do you intend to adopt any non-GHS classification criteria? E.g. Classification of flammable/combustible liquids beyond 93° Celsius

Yes

No

Will there be a risk assessment element overlayed on top of GHS classification on the label?

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the Safety Data Sheets (SDS)?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the label?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

How is the hierarchy of Pictograms, Hazard Statements and Precautionary Statements defined?

Not determined yet. Refer to FAO guidelines and National Standard CNS 15030.

Do you have any arrangements in place to deal with imported chemicals/products? E.g. Will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

Yes

No

Do you have training and awareness activities planned?

Yes

No

What are your planned training and awareness activities?

Several seminars and trainings are held every year to educating pesticide manufacturers, importers and distributors.

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

Yes

No

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

Latest alignment with WHO and FAO guidance on GHS.

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With the finalisation of the 2009 report, 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.

Six GHS implementation reports have been finalized so far – 2009, 2010/11, then annually from 2012 to 2015. Summary of implementation progress was compiled for APEC Ministers in 2009, then annually from 2011 to 2015 based on these responses. At the APEC CD 2012 a decision was reached to publish the GHS implementation reports on the GHS Reference Exchange and Tool (GREAT) website hosted by the Chinese Taipei to allow sharing of this information

(<http://great.osha.gov.tw/ENG/index.aspx>). It is expected that the 2016 report will also be made available on the GREAT website.

General

Please provide the Economy for which this Template is completed below.	
Hong Kong, China (HKC)	
Have you completed a GHS implementation status report in previous years?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide the year when the last report was completed.	
2015	
Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation status report?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Does your Economy intend to adopt and implement GHS for any chemical sector in the near future (Starting work within the next 2 years)?	
<input checked="" type="checkbox"/> Yes [Note: HKC intends to implement GHS in the industrial sector and the implementation schedule is to be finalised. Please refer to the sections "industrial workplace" for further information.]	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Is there an overall strategic plan for GHS implementation?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, where can it be found? Please list websites, attach documents, etc.	
Do you have a GHS coordinator to facilitate implementation discussions within your economy?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, please fill out the following information for the coordinator:	
Organisation / Agency	
Name	
Phone number	
E-mail address	
Website	
Do you have a hazard classification database?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, is it mandatory classification, or for information only? How do you access the database?	

Industrial Workplace

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	Labour Department
Contact person	WONG Tat-foo
Phone number	(852) 2852 4067
E-mail address	dso-s-5@labour.gov.hk
Website	No
When do you plan to implement GHS for this sector?	
To be finalised.	
How long is the phase in period and what are the transition arrangements?	
Co-existence of current legislation and GHS during transitional period.	
Are the main relevant legislations implementing GHS finalized and in operation?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 finalized?	
When the relevant legislation is ready for enactment.	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
The physical and health hazard blocks that are relevant to existing legislation will be adopted.	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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, how will it work?	
Under review.	
Is there to be a maximum 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 statements	In line with existing statutory requirements.
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
Aiming at reducing duplication or redundancy of information.	
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?	
Yes.	
Do you have training and awareness activities planned? If yes, please provide some information.	
Yes, training and awareness seminars planned.	
Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?	

A subject matter to be considered.
Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.
Differences in adoption of building blocks among member economies.
<i>Industry to complete</i>
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?

Consumer Products

Regulator to complete	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes <input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes <input type="checkbox"/> 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, how will it work?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.
<i>Industry to complete</i>
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

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks of GHS as is written in the purple book?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or “deemed-to comply” provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.
<i>Industry to complete</i>
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?



Global Harmonization System (GHS) for Chemical Labelling SmartForm

Asia-Pacific Economic Cooperation

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Introduction

Responding for

Please select your economy *

Indonesia

How are you responding *

- General Information
- As a Regulator for the Industrial Workplace Chemicals Sector
- As a Regulator for the Consumer Products Sector
- As a Regulator for the Agricultural Chemicals Sector
- From Industry for the Industrial Workplace Chemicals Sector
- From Industry for the Consumer Products Sector
- From Industry for the Agricultural Chemicals Sector

Respondent details

Organisation/Agency

Ministry of Industry

Name

Ir. Muhammad Khayam, MT

Phone number

+62 21 5253214

Email address

khayamus27@gmail.com

Have you completed a GHS implementation status report in previous years? *

Yes

No

Please provide the year when the last report was completed *

2013

Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation Status report? *

Yes

No

General Information

General Information

Has your economy implemented GHS for any chemical sector to date?

Yes

No

Is there an overall strategic plan for GHS implementation?

Yes

No

Do you have a GHS co-ordinator to facilitate implementation within your economy?

Yes

No

Please provide your co-ordinators details

Organisation/Agency

Ministry of Industry

Name

Ir. Muhammad Khayam, MT

Phone number

+62 21 5253214

Email address

khayamus27@gmail.com

Website

Do you have a hazard classification database?

Yes

No

Is this database mandatory?

Mandatory classification

Information only

How do you access the database?

0 of 1000 characters

2016 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 (UNSCGHS).

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.

At the APEC CD 2014, the CD agreed to trial the use of an online based Smart Form to report on the GHS Implementation. Noting that additional work is ongoing on the Smart Form to make it more user friendly, the CD agreed that Members can complete either the Smart Form or this word document template.

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

History

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.

With the finalisation of the 2009 report, 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.

Six GHS implementation reports have been finalized so far – 2009, 2010/11, then annually from 2012 to 2015. Summary of implementation progress was compiled for APEC Ministers in 2009, then annually from 2011 to 2015 based on these responses. At the APEC CD 2012 a decision was reached to publish the GHS implementation reports on the GHS Reference Exchange and Tool (GREAT) website hosted by the Chinese Taipei to allow sharing of this information

(<http://great.osha.gov.tw/ENG/index.aspx>). It is expected that the 2016 report will also be made available on the GREAT website.

General

Please provide the Economy for which this Template is completed below.	
JAPAN	
Have you completed a GHS implementation status report in previous years?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide the year when the last report was completed.	
2015	
Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation status report?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Does your Economy intend to adopt and implement GHS for any chemical sector in the near future (Starting work within the next 2 years)?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Is there an overall strategic plan for GHS implementation?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, where can it be found? Please list websites, attach documents, etc.	
<ul style="list-style-type: none"> • Japanese government established inter-ministerial committee and is implementing GHS. It is consisted of Ministry of Health, Labour, and Welfare (MHLW), Ministry of the Environment (MOE), Ministry of Economy, Trade, and Industry (METI), Ministry of Foreign Affairs (MOFA), Ministry of internal Affairs and Communications (MIC), Ministry of Agriculture, Forestry, and Fisheries (MAFF), Ministry of Land, Infrastructure, Transport, and Tourism (MLIT), and Cabinet Office (CAO). This committee developed “GHS Classification Guidance for the Japanese Government” to facilitate classification process dealing with chemical substances in 2009 (it was revised in 2013). And METI also developed guidance for chemical mixture as “GHS Classification Guidance for Enterprises” in 2009 (it was revised in 2013). These guidances are available both in Japanese and in English. (http://www.meti.go.jp/policy/chemical_management/int/ghs_tool_01GHSmanual.html) • In 2009, Japan made the Japanese Industrial Standard (JIS) based on the GHS classification (JIS Z 7252) to reflect the 2nd revision of GHS Purple Book and ‘Building Block approach’ determined in Japan. In 2010, Japan also revised the JIS based on GHS SDS and labelling to reflect the 3rd revision of GHS Purple Book. In 2012, Japan integrated existing SDS and labelling JIS, and made new JIS Z 7253 reflected the 4th revision of GHS Purple Book. In 2014, Japan will revise JIS Z 7252 based on the GHS classification to reflect the 4th revision of GHS Purple Book and ‘Building Block approach’ determined in Japan. • PRTR Law (METI) and the Industrial Safety and Health Act (under the jurisdiction of MHLW) stipulate the way to provide provision of information (e.g. SDS and labelling) on hazardous chemicals. In 2012, METI and MHLW revised related ordinances and guideline to make conform with GHS. <ul style="list-style-type: none"> <Summary of revision of PRTR Law> <ul style="list-style-type: none"> -The information which is required in SDS expanded to 16 headings as GHS. -Labelling became effort-obligation. -Japanese Industrial Standard (JIS) Z7253 which covers Labelling and SDS became effort-obligation to follow. etc. <Summary of revision of ISHL > <ul style="list-style-type: none"> -SDS and labelling of chemicals were expanded as effort-obligation basis as of 1 April 2012; -JIS Z7253 is recommended as an example to comply with the amended ordinance. 	
Do you have a GHS coordinator to facilitate implementation discussions within your economy?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please fill out the following information for the coordinator:	
Organisation / Agency	Ministry of Health, Labour, and Welfare (MHLW)

Name	Ms. Tomoko Terashima	
Phone number	+81-3-3502-6756	
E-mail address	terashima-tomoko@mhlw.go.jp	
Website	http://www.mhlw.go.jp/	
Do you have a hazard classification database?		
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
If yes, is it mandatory classification, or for information only? How do you access the database?		
<ul style="list-style-type: none"> • Japanese government has classified approximately 3,000 substances, including approximately 1,400 substances regulated by the relevant Japanese laws, since 2006. METI and MHLW have classified the substances with regards to physical properties and human health, and MOE has classified them with regards to aquatic environment and ozone layer. The classification results, including rationales for classification, are available on the website of National Institute of Technology and Evaluation (NITE) in English as well as in Japanese. But not all of the rationales for the classification are available in English. (NITE website: http://www.safe.nite.go.jp/english/ghs_index.html, OECD eChemPortal: http://www.echemportal.org/). • METI developed the computer software for GHS classification of mixtures, which is available in Japanese and English, based on the 4th revision of GHS Purple Book and 'Building Block approach' in Japan in 2014. 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. (http://www.meti.go.jp/policy/chemical_management/int/ghs_auto_classification_tool_ver4_EG.html) 		

Industrial Workplace

Regulator to complete	
Do you intend to implement GHS for this sector?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	Ministry of Health, Labour and Welfare
Contact person	Ms. Tomoko Terashima
Phone number	+81-3-3502-6756
E-mail address	terashima-tomoko@mhlw.go.jp
Website	http://www.mhlw.go.jp/
When do you plan to implement GHS for this sector?	
Relevant legislation has already proclaimed, Oct. 20, 2006.	
How long is the phase in period and what are the transition arrangements?	
From December 2006 to December 2008	
Are the main relevant legislations implementing GHS finalized and in operation?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 finalized?	
Web-link (http://www.mhlw.go.jp/topics/bukyoku/roudou/ghs/index.html)	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
Cut-off values are listed for 119* substances for labelling and 640 substances for delivering SDS under the Ordinance on Industrial Safety and Health. *From June 2016, obligation labelling for 640 substances	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	
No	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	None
Hazard statements	None
Precautionary statements	None
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
As prescribed by GHS1.4.10.5.3	
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.	
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.
-
<i>Industry to complete</i>
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?

Consumer Products

Regulator to complete	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	Ministry of Economy, Trade and Industry
Contact person	Ms. Yumi NEGAMI
Phone number	+81-3-3501-0080
E-mail address	negami-yumi@meti.go.jp
Website	http://www.meti.go.jp/
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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, how will it work?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.
<i>Industry to complete</i>
Has it been easy to access all necessary information for compliance?
GHS for consumer products is not mandatory in Japan. Therefore, voluntary approaches are considered to be much important. To encourage industry activities, several guidance documents and other tools are available.
As for consumer products, Inter-Ministerial Committee on GHS decided to adopt risk-based labelling for consumer products (Annex 5) in 2007. And the guidance document named “Guidance on a Consumer Product Risk Assessment for GHS Labelling” was prepared by NITE in 2008. The English version of guidance document is available from http://www.nite.go.jp/en/chem/risk/ghs_consumer_product.html.
Also a calculation tool for consumer products has been developed; the title of it: Human Exposure Estimation Software for Consumer Products (CHEM-NITE).
As some industry activities, e.g. Japan Soap and Detergent Association has developed the guidance document for their products http://jsda.org/w/e_engls/e_ghs01.html, and start GHS based labelling for a part of their products in 2011.
It is easy for an expert of GHS to access the information in Japan.
Do you see any specific issues that are limiting the progress of GHS implementation?
Lack of experts to classify and label consumer products, especially in SMEs
What are the expected costs for industry in the implementation of GHS?
<ul style="list-style-type: none"> • The guidance documents (first box) contributed industry not only to reduce their workload but also to effectively implement GHS. In addition, the guidance document avoids stakeholders’ confusion for labelling results of similar type of products. •
What are the expected benefits for industry through the implementation of GHS?
<ul style="list-style-type: none"> • Support consumer products industries to develop their technical guidance to implement GHS. • Support and/or lead training staffs not only in domestic but also in other APEC economies.

Agriculture

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	Ministry of Agriculture, Forestry, and Fisheries
Contact person	Mr. Masashi KUSUKAWA Mr. Hiroyuki ITOU
Phone number	+81-3-3501-3767
E-mail address	ghs-agri@nm.maff.go.jp
Website	http://www.maff.go.jp/
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes <input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks of GHS as is written in the purple book?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes <input type="checkbox"/> 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?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	

Are there any plans to exchange 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.
<i>Industry to complete</i>
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?



Asia-Pacific Economic Cooperation

Global Harmonization System (GHS) for Chemical Labelling SmartForm

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Receipt
Number: **global-harmonization-8**

To save or print a copy of the completed form and acknowledgement go to the "File" menu and select "Save as" or "Print".

Introduction

Responding for

Please select your economy *

Malaysia

How are you responding *

- General Information
- As a Regulator for the Industrial Workplace Chemicals Sector
- As a Regulator for the Consumer Products Sector
- As a Regulator for the Agricultural Chemicals Section
- From Industry for the Industrial Workplace Chemicals Sector
- From Industry for the Consumer Products Sector

From Industry for the Agricultural Chemicals Sector

Respondent details

Organisation/Agency

Ministry of International Trade and Industry

Name

Muhammad Razman Abu Samah

Phone number

+603 62000326

Email address

razman@miti.gov.my

General Information

General Information

Has your economy implemented GHS for any chemical sector to date?

Yes

No

Is there an overall strategic plan for GHS implementation?

Yes

No

You will be prompted to add an attachment when you submit the form.

Do you have a GHS co-ordinator to facilitate implementation within your economy?

Yes

No

Please provide your co-ordinators details

Organisation/Agency

Ministry of International Trade and Industry

Name

Muhammad Razman Abu Samah

Phone number

+60362000326

Email address

razman@miti.gov.my

Website

www.miti.gov.my

Do you have a hazard classification database?

Yes

No

Is this database mandatory?

Mandatory classification

Information only

How do you access the database?

2016 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 (UNSCGHS).

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.

At the APEC CD 2014, the CD agreed to trial the use of an online based Smart Form to report on the GHS Implementation. Noting that additional work is ongoing on the Smart Form to make it more user friendly, the CD agreed that Members can complete either the Smart Form or this word document template.

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

History

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.

With the finalisation of the 2009 report, 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.

Six GHS implementation reports have been finalized so far – 2009, 2010/11, then annually from 2012 to 2015. Summary of implementation progress was compiled for APEC Ministers in 2009, then annually from 2011 to 2015 based on these responses. At the APEC CD 2012 a decision was reached to publish the GHS implementation reports on the GHS Reference Exchange and Tool (GREAT) website hosted by the Chinese Taipei to allow sharing of this information

(<http://great.osha.gov.tw/ENG/index.aspx>). It is expected that the 2016 report will also be made available on the GREAT website.

General

Please provide the Economy for which this Template is completed below.	
New Zealand	
Have you completed a GHS implementation status report in previous years?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide the year when the last report was completed.	
2009	
Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation status report?	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Does your Economy intend to adopt and implement GHS for any chemical sector in the near future (Starting work within the next 2 years)?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Is there an overall strategic plan for GHS implementation?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, where can it be found? Please list websites, attach documents, etc.	
Do you have a GHS coordinator to facilitate implementation discussions within your economy?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please fill out the following information for the coordinator:	
Organisation / Agency	Environmental Protection Authority
Name	Asela Atapattu (for purposes of APEC forum)
Phone number	+64 4 474 5463
E-mail address	Asela.Atapattu@epa.govt.nz
Website	http://www.epa.govt.nz/Pages/default.aspx
Do you have a hazard classification database?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, is it mandatory classification, or for information only? How do you access the database?	
<p>Classification is mandatory. The New Zealand regime classifies individual chemicals and formulated substances. The database is held internally though results of approved substances' classifications can be searched for on our website at http://www.epa.govt.nz/search-databases/Pages/controls-search.aspx. To help applicants, the classifications of over 5000 chemicals can also be found on our website (at http://www.epa.govt.nz/search-databases/Pages/HSNO-CCID.aspx). Chemicals approved after our transition to our current legislation and any approved formulated substances are not on this database. The HSNO_CCID database is a contributing database to the OECD eChem Portal.</p> <p>Please note that the classification system in New Zealand was designed in 2001 and is based on the openly available GHS information at that time and before the first edition was published (2003). As such the classifications are similar to the original GHS, although an alphanumeric coding system is used to identify the GHS classification categories – http://www.epa.govt.nz/hazardous-substances/approvals/group-standards/Pages/HSNO_classification_information.aspx Additional terrestrial environmental classifications are also included in the HSNO scheme.</p>	

Industrial Workplace

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes Already implemented – see our entry on http://www.unece.org/trans/danger/publi/ghs/implementation_e.html#c43070 .	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	Environmental Protection Authority
Contact person	Asela Atapattu (for purposes of APEC forum)
Phone number	+64 4 474 5463
E-mail address	Asela.Atapattu@epa.govt.nz
Website	http://www.epa.govt.nz/Pages/default.aspx
When do you plan to implement GHS for this sector?	
Implemented in 2001.	
How long is the phase in period and what are the transition arrangements?	
Already in place.	
Are the main relevant legislations implementing GHS finalized and in operation?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
http://www.legislation.govt.nz/regulation/public/2001/0113/latest/DLM33833.html?search=ts_act%40bi%40regulation%40deemedreg_hazardous+substances_rese%4025_a&p=1	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
<p>All the classification categories included in the original GHS (2003) were adopted. Some of the newer classification categories have not been explicitly accommodated eg aspiration hazard. The correlation table provided at http://www.epa.govt.nz/hazardous-substances/approvals/group-standards/Pages/HSNO_classification_information.aspx shows how the HSNO classification categories align with those of the GHS 3rd revised edition (2009).</p> <p>The options for subcategorization for eye irritation, skin and respiratory sensitization, and of category 1 for mutagenicity, carcinogenicity, and reproductive toxicity have not been adopted. Specific target organ toxicity is not currently split into single exposure and repeat exposure. HSNO does not specifically address the GHS category of single exposure transient specific target organ toxicity. In practice we use the acute toxicity classifications for respiratory tract irritants and target organ toxicity category 2 for narcotic effects. We consider aspiration hazards as part of the acute toxicity classification.</p> <p>Where options for concentration cut-offs are provided, we have generally adopted the lower cut-offs for classification (and for SDS). The higher cut-offs for labelling have been allowed for category 2 carcinogens, and for the reproductive toxicity categories (including the additional lactation category) and the specific target organ toxicity categories. This is illustrated in Table 23 (page 34) of the following document http://www.epa.govt.nz/Publications/hsnogen-gs-assigning.pdf</p>	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide full details of non-GHS criteria being considered for adoption.	
Currently have terrestrial ecotoxic classifications in addition in GHS related to soil environment, terrestrial invertebrates and terrestrial invertebrates.	
Will there be a risk assessment element overlaid on top of GHS classification on the label? If yes, how will it work?	
Generally, labelling based on hazard classification alone. However, the HSNO decision-making	

<p>process does overlay a risk assessment element on top of hazard classification and this can result in the addition or removal of (hazard indicated) controls, including the requirements for labelling. Note that under the current HSNO system, GHS labelling is not mandatory.</p>	
<p>Is there to be a maximum number of the following included on the SDS and the label?</p>	
Pictograms	<p>Under the current HSNO system, GHS labelling is not mandatory. However, guidance, including approved codes of practice do indicate a preference for the GHS label elements. We are currently reviewing our legislative requirements for the labelling of hazardous substances. We are not currently in a position to be able to answer this question about the future.</p>
Hazard statements	
Precautionary statements	
<p>How is the hierarchy of pictograms, hazard statements and precautionary statements defined?</p>	
<p>The principles of precedence are to be applied to avoid excessive labelling and duplication – see http://www.epa.govt.nz/Publications/hsnogen-labelling-guide.pdf for more information - this is based on GHS Rev1 (2005).</p>	
<p>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?</p>	
<p>For many imported chemicals (particularly in industrial workplace and consumer products, for example cosmetics) our current regulatory approach will accept labels that are compliant with Australian, USA, Canada or EU requirements.</p>	
<p>Do you have training and awareness activities planned? If yes, please provide some information.</p>	
<p>Awareness available via our website: http://www.epa.govt.nz/hazardous-substances/about/Pages/default.aspx</p>	
<p>Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?</p>	
<p>Not at present</p>	
<p>Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.</p>	
<p><i>Industry to complete</i></p>	
<p>Has it been easy to access all necessary information for compliance?</p>	
<p>Do you see any specific issues that are limiting the progress of GHS implementation?</p>	
<p>What are the expected costs for industry in the implementation of GHS?</p>	
<p>What are the expected benefits for industry through the implementation of GHS?</p>	

Consumer Products

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes Already implemented – see our entry on http://www.unece.org/trans/danger/publi/ghs/implementation_e.html#c43070 .	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	Environmental Protection Authority
Contact person	Asela Atapattu (for purposes of APEC forum)
Phone number	+64 4 474 5463
E-mail address	Asela.Atapattu@epa.govt.nz
Website	http://www.epa.govt.nz/Pages/default.aspx
When do you plan to implement GHS for this sector?	
Implemented in 2001.	
How long is the phase in period and what are the transition arrangements?	
Already in place.	
Are the main relevant legislations implementing GHS finalized and in operation?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
http://www.legislation.govt.nz/regulation/public/2001/0113/latest/DLM33833.html?search=ts_act%40biil%40regulation%40deemedreg_hazardous+substances_resel_25_a&p=1	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
See comments under Industrial Workplace section.	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide full details of non-GHS criteria being considered for adoption.	
Currently have terrestrial ecotoxic classifications in addition in GHS related to soil environment, terrestrial invertebrates and terrestrial invertebrates.	
Will there be a risk assessment element overlayed on top of GHS classification on the label? If yes, how will it work?	
See comments under Industrial Workplace section.	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	Under the current HSNO system, GHS labelling is not mandatory. However, guidance, including approved codes of practice do indicate a preference for the GHS label elements. We are currently reviewing our legislative requirements for the labelling of hazardous substances. We are not currently in a position to be able to answer this question about the future.
Hazard statements	
Precautionary statements	
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
The principle s of precedence are to be applied to avoid excessive labelling and duplication – see http://www.epa.govt.nz/Publications/hsnogen-labelling-guide.pdf for more information - this is based on GHS Rev1 (2005).	
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?	
For many imported chemicals (particularly in industrial workplace and consumer products, for example cosmetics) our current regulatory approach will accept labels that are compliant with	

Australian, USA, Canada or EU requirements.
Do you have training and awareness activities planned? If yes, please provide some information.
Awareness available via our website: http://www.epa.govt.nz/hazardous-substances/about/Pages/default.aspx
Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?
Not at present
Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.
<i>Industry to complete</i>
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

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes Already implemented – see our entry on http://www.unece.org/trans/danger/publi/ghs/implementation_e.html#c43070 .	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	Environmental Protection Authority
Contact person	Asela Atapattu (for purposes of APEC forum)
Phone number	+64 4 474 5463
E-mail address	Asela.Atapattu@epa.govt.nz
Website	http://www.epa.govt.nz/Pages/default.aspx
When do you plan to implement GHS for this sector?	
Implemented in 2001.	
How long is the phase in period and what are the transition arrangements?	
Already in place.	
Are the main relevant legislations implementing GHS finalized and in operation?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
http://www.legislation.govt.nz/regulation/public/2001/0113/latest/DLM33833.html?search=ts_act%40biil%40regulation%40deemedreg_hazardous+substances_resel_25_a&p=1	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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.	
See comments under Industrial Workplace section.	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide full details of non-GHS criteria being considered for adoption.	
Currently have terrestrial ecotoxic classifications in addition in GHS related to soil environment, terrestrial invertebrates and terrestrial invertebrates.	
Will there be a risk assessment element overlayed on top of GHS classification on the label? If yes, how will it work?	
See comments under Industrial Workplace section.	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	Under the current HSNO system, GHS labelling is not mandatory. However, guidance, including approved codes of practice do indicate a preference for the GHS label elements. We are currently reviewing our legislative requirements for the labelling of hazardous substances. We are not currently in a position to be able to answer this question about the future.
Hazard statements	
Precautionary statements	
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
The principle s of precedence are to be applied to avoid excessive labelling and duplication – see http://www.epa.govt.nz/Publications/hsnogen-labelling-guide.pdf for more information.	
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?	
The alternative compliance provisions noted above under the Industrial Workplace and Consumer	

products sections do not generally apply to agrichemicals, particularly pesticides. Under the current HSNO system, the legislated labelling requirements are performance based – that is GHS labelling is allowed for but is not mandatory. However, guidance, including codes of practice approved by the NZ EPA do indicate a preference for the GHS label elements.

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

Awareness available via our website: <http://www.epa.govt.nz/hazardous-substances/about/Pages/default.aspx>

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

Not at present

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?

2016 GHS Implementation Progress Reporting Template

Introduction

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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.

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Six GHS implementation reports have been finalized so far – 2009, 2010/11, then annually from 2012 to 2015. Summary of implementation progress was compiled for APEC Ministers in 2009, then annually from 2011 to 2015 based on these responses. At the APEC CD 2012 a decision was reached to publish the GHS implementation reports on the GHS Reference Exchange and Tool (GREAT) website hosted by the Chinese Taipei to allow sharing of this information

(<http://great.osha.gov.tw/ENG/index.aspx>). It is expected that the 2016 report will also be made available on the GREAT website.

General

Please provide the Economy for which this Template is completed below.	
Philippines	
Have you completed a GHS implementation status report in previous years?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please provide the year when the last report was completed.	
Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation status report?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Does your Economy intend to adopt and implement GHS for any chemical sector in the near future (Starting work within the next 2 years)?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, go to next question. If no, no further answers are required.</i>	
Is there an overall strategic plan for GHS implementation?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, where can it be found? Please list websites, attach documents, etc.	
Do you have a GHS coordinator to facilitate implementation discussions within your economy?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please fill out the following information for the coordinator:	
Organisation / Agency	
Name	
Phone number	
E-mail address	
Website	
Do you have a hazard classification database?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, is it mandatory classification, or for information only? How do you access the database?	

Industrial Workplace

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	Environmental Management Bureau – Dept. of Environment and Natural Resources
Contact person	Emmanuelita Mendoza
Phone number	63 2 9288892
E-mail address	emb.mendoza@gmail.com
Website	www.emb.gov.ph
When do you plan to implement GHS for this sector?	
The Administrative Order for Implementing GHS, DAO 2015-09 was approved in 2015 and will be implemented :	
<ol style="list-style-type: none"> 1. 2016 Single substances and compounds covered under CCO and PCL Chemicals initially listed 2. 2017 High Volume Toxic Chemicals 3. 2018 Toxic Chemicals under the IATA and IMDG listed Dangerous Goods 4. 2019 Chemical Mixtures 	
How long is the phase in period and what are the transition arrangements?	
Four years	
Are the main relevant legislations implementing GHS finalized and in operation?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 finalized?	
www.emb.gov.ph/portal	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
The cut-off points to be used is based on what were written in the purple book (4th Revision)	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	
Yes for discussion and the details are yet to be agreed upon by the Technical Working Group (TWG)	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	No decisions made yet
Hazard statements	No decisions made yet
Precautionary statements	No decisions made yet
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
Based on the hierarchy written in the purple book	
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 arrangements made yet and this will be taken up during Technical Working Group (TWG) meetings.	

Do you have training and awareness activities planned? If yes, please provide some information.
Yes part of the yearly work and financial plan (WFP) for CY 2016. The DOLE-OSHC and DENR--EMB are conducting continuing trainings on a yearly basis. For the DENR-EMB, trainings to be conducted are for both industries and regulators (Basic GHS) for Luzon (November, 2015), Visayas (May, 2016) and Mindanao (August, 2016) and Intermediate and Advance GHS for national level to be conducted in Quezon City (October, 2016). This is in collaboration with chemical industry partner, Samahan sa Pilipinas ng Industriyang Kimika (SPIK).
Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?
Yes of course depending on the funding assistance arrangement
Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.
Still on capacity building, decisions on what building blocks to implement in order to cater to other economies, promotion and facilitation of trade but not compromising the health and safety as well as the protection and preservation of the environment.
<i>Industry to complete</i>
Has it been easy to access all necessary information for compliance?
Not so easy and a challenge
Do you see any specific issues that are limiting the progress of GHS implementation?
Capability of industries (small, medium enterprises) and government regulators on technical and scientific information on chemicals. That is why the Philippines will implement the GHS policy in a gradual approach till 2019 to cover the "mixtures".
What are the expected costs for industry in the implementation of GHS?
Around 10 -20 % of the cost of doing business
What are the expected benefits for industry through the implementation of GHS?
Facilitation of trade, companies reputation, patronage

Consumer Products

Regulator to complete	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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, how will it work?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or "deemed-to comply" provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.
<i>Industry to complete</i>
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

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks of GHS as is written in the purple book?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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?	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or “deemed-to comply” provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.
<i>Industry to complete</i>
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?



Global Harmonization System (GHS) for Chemical Labelling SmartForm

Asia-Pacific Economic Cooperation

Tracking Code: **9TNB6K**

Your form has been successfully submitted. Please keep a copy of this acknowledgement for your records.



Date and Time: **01 Apr 2016 12:40:12 AM**

Receipt Number: **global-harmonization-12**

To save or print a copy of the completed form and acknowledgement go to the "File" menu and select "Save as" or "Print".

Introduction

Responding for

Please select your economy *

Russia

How are you responding *

- General Information
- As a Regulator for the Industrial Workplace Chemicals Sector
- As a Regulator for the Consumer Products Sector
- As a Regulator for the Agricultural Chemicals Sector
- From Industry for the Industrial Workplace Chemicals Sector
- From Industry for the Consumer Products Sector
- From Industry for the Agricultural Chemicals Sector

Respondent details

Organisation/Agency

CIS Center

Name

Natalia Druzhinina

Phone number

+74997533095

Email address

n.druzhinina@ciscenter.ru

Have you completed a GHS implementation status report in previous years? *

Yes

No

Please provide the year when the last report was completed *

2014

Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation Status report? *

Yes

No

General Information

General Information

Has your economy implemented GHS for any chemical sector to date?

Yes

No

Is there an overall strategic plan for GHS implementation?

Yes

No

Do you have a GHS co-ordinator to facilitate implementation within your economy?

Yes

No

Do you have a hazard classification database?

Yes

No

Regulator Input - IWCS

Industrial Workplace Chemicals Sector

Does your agency or organisation have responsibility for GHS implementation for this sector? *

Yes

No

Please provide the following details

Lead Government Agency

Ministry of Industry and Trade of the Russian Federation

Contact Person

Mr. Sergey Tsyb

Phone number

+7 (495) 980-28-44

Email address

Website

<http://www.minpromtorg.gov.ru/>

Has GHS been implemented for this sector? *

Yes

No

Which edition of GHS is/was implemented?

Revised Edition 4 (2011)

When is/was GHS fully operational for this sector?

Obligation of the Russia on GHS implementation will be fully fulfilled with the entry into force of the Technical Regulation "On Safety of Chemical Products".
Currently the provisions of the GHS are implemented in Russia through the following interstate standards (on a voluntary basis):
GOST 30333-2007 "Chemical production safety passport. General requirements" (instead of GOST 30333-95)
GOST 31340-2013 "Labelling of chemicals. General requirements" (instead of GOST R 31340-2007)
GOST 32419-2013 "Classification of chemicals. General requirements" (instead of GOST R 53856-2010)
GOST 32423-2013 "Mixtures classification of hazard for health" (instead of GOST R 53854-2010)
GOST 32424-2013 "Classification of chemicals for environmental hazards. General principle" (instead of GOST R 53857-2010)
GOST 32425-2013 "Mixtures classification of hazard for environmental" (instead of GOST R 53858-2010)

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Have you finalised the relevant legislation to implement GHS?

Yes

No

Please provide the access details to the documentation. E.g. Website link, contact phone number

www.standards.ru

Do you intend to adopt all GHS hazard classification building blocks as written in the Purple Book?

Yes

No

Please indicate the cut-off points you will be adopting where the choice is given in the Purple Book. E.g. Sensitisers

Respiratory and skin sensitization without division into sub-category: cut-off point is $\geq 0.1\%$

Category 2 carcinogen: cut-off point is $\geq 0.1\%$

Reproductive toxicity: cut-off points for all Category/Subcategory where choice is given is $\geq 0.1\%$

STOT SE: cut-off points triggering classification of a mixture as Cat 1: C(%) of ingredient classified as Cat 1 is $\geq 10\%$. Cut-off points triggering classification of a mixture as Cat 2: C(%) of ingredient classified as Cat 1 is $\geq 1\%$ but less than 10% or C(%) of ingredient classified as Cat 2 is $\geq 10\%$. Cut-off points triggering classification of a mixture as Cat 3: C(%) of ingredient classified as Cat 3 is $\geq 20\%$ but the expert judgement is required.

STOT RE: cut-off points triggering classification of a mixture as Cat 1: C(%) of ingredient classified as Cat 1 is $\geq 10\%$. Cut-off points triggering classification of a mixture as Cat 2: C(%) of ingredient classified as Cat 1 is $\geq 1\%$ but less than 10% or C(%) of ingredient classified as Cat 2 is $\geq 10\%$.

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Do you intend to adopt any non-GHS classification criteria? E.g. Classification of flammable/combustible liquids beyond 93° Celsius

Yes

No

Will there be a risk assessment element overlayed on top of GHS classification on the label?

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the Safety Data Sheets (SDS)?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

Is there a maximum number of Pictograms, Hazard Statements and Precautionary Statements included on the label?

Pictograms

Yes

No

Hazard Statements

Yes

No

Precautionary Statements

Yes

No

How is the hierarchy of Pictograms, Hazard Statements and Precautionary Statements defined?

As recommended in the GHS

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Do you have any arrangements in place to deal with imported chemicals/products? E.g. Will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?

Yes

No

Do you have training and awareness activities planned?

Yes

No

What are your planned training and awareness activities?

Trainings on classification and labelling are provided by CIS Center on regular basis. For more information, please visit website <http://www.ciscenter.ru/ru/>

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

Yes

No

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

Due implementation we faced with the following concerns:

- 1) Russian laboratories has no appropriate equipment for testing according to GHS
- 2) Industry is not ready to comply with the GHS requirements because of absence of data on chemicals for comparison with the GHS criteria
- 3) The lack of understanding by industry of GHS necessity

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Do you have more information to supply that did not fit into the fields above?

Yes

No

2016 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 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.

At the APEC CD 2014, the CD agreed to trial the use of an online based Smart Form to report on the GHS Implementation. Noting that additional work is ongoing on the Smart Form to make it more user friendly, the CD agreed that Members can complete either the Smart Form or this word document template.

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

History

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.

With the finalisation of the 2009 report, 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.

Six GHS implementation reports have been finalized so far – 2009, 2010/11, then annually from 2012 to 2015. Summary of implementation progress was compiled for APEC Ministers in 2009, then annually from 2011 to 2015 based on these responses. At the APEC CD 2012 a decision was reached to publish the GHS implementation reports on the GHS Reference Exchange and Tool (GREAT) website hosted by the Chinese Taipei to allow sharing of this information (<http://great.osha.gov.tw/ENG/index.aspx>). It is expected that the 2016 report will also be made available on the GREAT website.

General

Please provide the Economy for which this Template is completed below.	
Have you completed a GHS implementation status report in previous years?	
Yes	
If yes, please provide the year when the last report was completed.	
2012	
Has there been any changes to the GHS implementation status in your economy since completing the last GHS implementation status report?	
Yes	
<i>If yes, go to next question. If no, no further answers are required.</i>	
Does your Economy intend to adopt and implement GHS for any chemical sector in the near future (Starting work within the next 2 years)?	
Yes	
<i>If yes, go to next question. If no, no further answers are required.</i>	
Is there an overall strategic plan for GHS implementation?	
Not yet	
If yes, where can it be found? Please list websites, attach documents, etc.	
Do you have a GHS coordinator to facilitate implementation discussions within your economy?	
Yes	
If yes, please fill out the following information for the coordinator:	
Organisation / Agency	Vietnam Chemicals Agency
Name	Nguyen Van Thanh
Phone number	84 4 22205059
E-mail address	thanhnv@moit.gov.vn; hanth@moit.gov.vn
Website	Vinachemia.gov.vn
Do you have a hazard classification database?	
Not yet	
If yes, is it mandatory classification, or for information only? How do you access the database?	

Industrial Workplace

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
No, or fragmental in some legal pieces	
<i>If yes, please provide the following details. If no, no further answers are required for this section.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
April 2016	
How long is the phase in period and what are the transition arrangements?	
2 years	
Are the main relevant legislations implementing GHS finalized and in operation?	
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 finalized?	
Vinachemia.gov.vn	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
GHS version 3	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input type="checkbox"/> 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 yet	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	x
Hazard statements	x
Precautionary statements	x
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
Most hazardous pictograms, statements required only	
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, not any special	
Do you have training and awareness activities planned? If yes, please provide some information.	
Yes. Quarter 1 and 2 in this year, there is completed survey of training demand in GHS for all relevant stakeholders Quarter 4: plan to disseminate and training in accordance with the demand	
Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?	
Not yet	
Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.	
<ul style="list-style-type: none"> - Classification of chemicals in small and medium enterprise - The capacity of authorised agency in legal enforcement - Some issues in legal makes not consistency in legal system and make difficulties in implementing these regulations 	
<i>Industry to complete</i>	
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?
Not enough technical guideline and Government support for SME to implement
What are the expected costs for industry in the implementation of GHS?
Have not estimated
What are the expected benefits for industry through the implementation of GHS?
Be Active to Intergrate in international and regional area Awareness on protecting human health and environment

Consumer Products

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	
Contact person	
Phone number	
E-mail address	
Website	
When do you plan to implement GHS for this sector?	
How long is the phase in period and what are the transition arrangements?	
Are the main relevant legislations finalized?	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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 finalized?	
Do you intend to adopt all hazard classification building blocks GHS as is written in the purple book?	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, 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.	
<input type="checkbox"/> Yes	<input type="checkbox"/> 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?	

Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	
Hazard statements	
Precautionary statements	
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 or “deemed-to comply” provisions and will you accept additional classification criteria (GHS or otherwise) not adopted by your economy?	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange 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.	
<i>Industry to complete</i>	
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

<i>Regulator to complete</i>	
Do you intend to implement GHS for this sector?	
Yes	
<i>If yes, please provide the following details. If no, no further answers are required for this sector.</i>	
Lead Government Agency	Plant protection Department
Contact person	
Phone number	
E-mail address	
Website	http://www.ppd.gov.vn/
When do you plan to implement GHS for this sector?	
April 2016 for both substance and mixture (industrial and active agent-ingredient)	
How long is the phase in period and what are the transition arrangements?	
2 years	
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 finalized?	
There is in its website The document is in Vietnamese	
Do you intend to adopt all hazard classification building blocks of GHS as is written in the purple book?	
Yes	
If yes, please indicate the cut-off points you will be adopting where the choice is given in the purple book. E.g. sensitizers. If no, please describe the building blocks that will be adopted.	
The same as in GHS version 3	
Do you intend to adopt any non-GHS classification criteria? E.g. classification of flammable/combustible liquids beyond 93 °C.	
<input type="checkbox"/> No	
If yes, please provide full details of non-GHS criteria being considered for adoption.	
no	

Will there be a risk assessment element overlayed on top of GHS classification on the label? If yes, how will it work?	
In our current situation there has not been required	
Is there to be a maximum number of the following included on the SDS and the label?	
Pictograms	▼
Hazard statements	▼
Precautionary statements	▼
How is the hierarchy of pictograms, hazard statements and precautionary statements defined?	
Most hazardous pictograms, statements only	
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?	
Not any special for imported chemicals	
Do you have training and awareness activities planned? If yes, please provide some information.	
Are there any plans to exchange personnel with another economy to improve harmonization of GHS implementation?	
Not yet	
Please list any specific issues of concern you have experienced so far during your GHS implementation efforts.	
-	
<i>Industry to complete</i>	
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?	
Not enough technical guideline and Government support for SME to implement	
What are the expected costs for industry in the implementation of GHS?	
Not estimate yet	

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

**Be Active to Intergrate in international and regional area
Awareness on protecting human health and environment**