

**COMMITTEE OF EXPERTS ON THE TRANSPORT OF
DANGEROUS GOODS AND ON THE GLOBALLY
HARMONIZED SYSTEM OF CLASSIFICATION
AND LABELLING OF CHEMICALS**

Sub-Committee of Experts on the Globally
Harmonized System of Classification
and Labelling of Chemicals

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Item 5 (a) of the provisional agenda

IMPLEMENTATION OF THE GHS

GHS Implementation in Korea

Transmitted by the expert from Republic of Korea

Brief information of GHS implementation progress in Korea

UNECE GHS committee, 16th session (Geneva, 10-12 December 2008)

☞ Amendment of relevant legislations

The Industrial Safety and Health Act (ISHA) which deals with C&L and MSDS was first revised in accordance with GHS in December 2006. The Ministry of Environment (MOE) amended the Toxic Chemical Control Act (TCCA) in November 2007. The National Emergency Management Agency (NEMA) newly published the amendment of the Dangerous Goods Safety Management Act (DGSMA) implemented regarding GHS on November 2008. The major three authorities have finished the amendment of legislation in accordance with GHS in Korea.

☞ Transition period

ISHA : Until June 30, 2010 for substances and June 30, 2013 for mixtures. (Informations on the relevant Notice : www.kosha.or.kr/english/legis/legis01_list.jsp?menuId=1)
TCCA : June 30, 2010 for substances and June 30, 2014 for mixtures
DGSMA : Labels according to IMDG or GHS can be accepted. If GHS can't cover DGs' classified under DGSMA, DGSMA label should be attached for the DGs.

☞ Building blocks

We do not adopt all hazard classification building blocks of GHS as is written in the purple book. The building blocks which is not same as the Purple Book are :

- Flammable liquid : Category 1 ~ 3 (not adopt 4)
- Acute Toxicity : Category 1 ~ 4 (not adopt 5)
- Skin Corrosion/Irritation : Category 1 & 2 (not adopt 1A, 1B, 1C and 3)
- Serious Eye Damage/Eye Irritation : Category 1 & 2A (not adopt 2B)
- Aquatic Toxicity(Acute) : Category 1 (not adopt 2, 3)

Other Hazards : Same as the Purple Book

☞ The maximum number of the following included on the SDS and the label

Pictograms: 4 (The total size of pictograms should be over 1/40 of the size of label. If the number of pictograms is below 3, the total size should be over 1/20)

Hazard statements: All

Precautionary statements: Each 4 for Prevention, Response, Storage, Disposal

☞ Training and awareness activities

see the opposite site

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

There are no plans until now. But we hope to participate international cooperation program.

☞ issues of concern you have experienced so far during your GHS implementation efforts.

There are some differences of classification results between authorizations. So more international cooperation is needed for ultimate harmonization of GHS classification.

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KOSHA's activities on GHS implementation in Korea

GHS implementation milestones (workplace)	
2006	<ul style="list-style-type: none"> ☞ GHS classification and labelling project started for 910 regulated substances ☞ Amend Industrial Safety and Health Regulation ☞ Amend Notification of Standard on the Classification, Labelling and Material Safety Data Sheet of Chemicals (12.12.2006, The MOL public Notice No. 2008-01) http://www.kosha.or.kr/english/legis/legis01_list.jsp?menuId=1 ☞ Open seminar on GHS 3 times (attend 303 people)
2007	<ul style="list-style-type: none"> ☞ GHS classification and labelling project for 2500 regulated substances. ☞ Open seminar on GHS 10 times (attend 2,203 people)
2008	<ul style="list-style-type: none"> ☞ Amend Notice: Prolong transition period until 6.30.2010 for substance and 6.30.2013 for mixture (6.27.2008) ☞ Provide GHS classification information for 3,410 substances (<i>information only, not mandatory</i>) through www.kosha.net ☞ Provide MSDS editing tools that could compose GHS MSDS (<i>only in Korean</i>) and label (<i>in Korean and English</i>): until now, using 1,149 MSDS and 3,410 GHS classification information through www.kosha.net (<i>Korean, members only</i>) ☞ Build intensive GHS MSDS course under KOSHA (16 hr, 10 times, 438 people)
2009	<ul style="list-style-type: none"> ☞ Provide GHS classification information and MSDS for 6,314 substances (<i>expect on January 2009</i>) ☞ Provide MSDS editing tools that could compose GHS MSDS using MSDSs from KOSHA.NET DB or customized MSDSs made by user through web or PC based Program ☞ Provide intensive GHS MSDS course or seminar to accelerate GHS implementation
2010~ 2011	<ul style="list-style-type: none"> ☞ GHS would be fully implemented for substances until 6.30.2010 ☞ Provide GHS classification result and MSDS for 16,300 chemicals