

Global View on the Status of the GHS

Experience the commitmen

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		Forms of Co	ommunication	I
Target Audience	Labels	SDS	Placards	Transport Documents
Workers	Х	Х		
Consumers	Х			
Transport workers	Х		Х	Х
Emergency Responders	Х	Х	Х	









Country	Label	SDS	Based or Revision
Implemented			
New Zealand (NZ)	✓ - July 1, 2008	✓ - December 31, 2010	0
Korea (KR)	✓ - June 30, 2010	✓ - June 30, 2010	3
Japan (JP)	✓ - December 2006	✓ - December 2010	4
China (CN)	✓ - December 1, 2011	✓ - December 1, 2011	4
Brazil (BR)	✓ - December 10, 2012	✓ - February 3, 2013	4
European Union (EU)	✓ - December 1, 2010	✓ - December 1, 2010	4 (4 th ATP
Pending Implementati	on		
United States (US)	June 1, 2015	June 1, 2015	3
Australia (AU)	January 1, 2017	February 1, 2017	3
Canada (CA)	June 1, 2017	June 1, 2017	3 (5)

Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
2.1 Explosives									
Unstable									
Division 1.1									
Division 1.2									
Division 1.3									
Division 1.4									
Division 1.5									
Division 1.6									
2.2 Flammable Gases									
Category 1									
Category 2									
Category A*									
Category B*									

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Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
2.7 Flammable Solids									
Category 1									
Category 2									
2.8 Self-Reactive		•							
Туре А									
Туре В									
Туре С									
Type D									
Туре Е									
Type F									
Type G									
2.9 Pyrophoric Liquids									
Category 1									
2 10 Pyrophoric Solids									

Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
2.11 Self-Heating									
Category 1									
Category 2									
2.12 In Contact with Water								•	
Category 1									
Category 2									
Category 3									
2.13 Oxidizing Liquids									
Category 1									
Category 2									
Category 3									
2.14 Oxidizing Solids		•							
Category 1									
Category 2									
Category 3									

Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
2.15 Organic Peroxides									
Туре А									
Туре В									
Туре С									
Туре D									
Туре Е									
Туре F									
Туре G									
2.16 Corrosive to Metals									
Category 1									
t.									



Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
3.1 Acute Toxicity									
Category 1									
Category 2									
Category 3									
Category 4									
Category 5									
3.2 Skin Corrosion/Irritation									
Category 1 (1A, 1B, 1C)									
Category 2									
Category 3									
3.3 Serous Eye Damage/ Eye	Irritation								
Category 1									
Category 2/2A									
Category 2B									

Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
3.4 Respiratory or Skin Sensiti	ization								
Category 1									
Category 1A									
Category 1B									
3.5 Germ Cell Mutagenicity									
Category 1A									
Category 1B									
Category 2									
3.6 Carcinogenicity									
Category 1A									
Category 1B									
Category 2									
Category 2									

Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
3.7 Reproductive Toxicity									
Category 1A									
Category 1B									
Category 2									
Lactation									
3.8 Target Organ - Single									
Category 1									
Category 2									
Category 3					*				
3.9 Target Organ - Repeated									
Category 1									
Category 2									
3.10 Aspiration									
Category 1									
Category 2									





Skin Sensitization	e 3.4.5
Ingredient Classified as:	Cut-off/concentration limits triggering classification of a mixture as: Skin sensitizer Category 1 All physical states
	≥ 0.1% (see note)
Skin sensitizer Category 1	≥ 1.0%
Skin sensitizer Sub-category 1A	≥ 0.1%
Skin sensitizer Sub-category 1B	≥ 1.0%
Opportunity: Delete generic Category 14 classification into Sub-Category 14 into Sub-Category 1B. This is cons Principle that protection should not	ory 1 and require default A unless data supports classification sistent with the GHS Guiding t be reduced.
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	Table 3.4.5	
Ingredient Classified as:	Cut-off/conce triggering classifica Respiratory Sen	entration limits ation of a mixture as: sitizer Category 1
	Solid/Liquid	Gas
Respiratory sensitizer	<u>≥ 0.1% (see note)</u>	<u>≥ 0.1% (see note)</u>
Category 1	<u>≥ 1.0%</u>	<u>≥ 0.2%</u>
Respiratory sensitizer Sub-category 1A	≥ 0.1%	≥ 0.1%
Respiratory sensitizer Sub-category 1B	≥ 1.0%	≥ 0.2%
Opportunity: Delete ger classification into Sub-C into Sub-Category 1B. T Principle that protection	neric Category 1 and rec ategory 1A unless data his is consistent with the should not be reduced	quire default supports classificatior e GHS Guiding

	Table	e 3.6.1		
Ingredient classified as:	Cut-off/concentration	ssification of a mixture as:		
	Category 1	Category 2 carcinogen		
	Category 1A	Category 1B		
Category 1A carcinogen	≥ 0.1%			
Category 1B carcinogen		≥ 0.1%		
Category 2 carcinogen			≥ 0.1% (note 1)	
			≥ 1.0% (note 2)	
Opportunity: Delet consistent with the be reduced.	e the 1% cut-off/ GHS Guiding Pr	concentration li	mit option. This is ection should not	
Consider leaving N	lota 1 that labelir	na is ontional un	til > 1%	

Ingredients	Cut-off/concentration limits triggering classification of a mixture as:					
classified as:	Category 1 repr	oductive toxicant	Category 2	Additional category for effects on or via lactation		
	Category 1A	Category 1B	reproductive toxicant			
Category 1A	≥ 0.1% (note 1)					
eproductive toxicant	≥ -0.3% (note 2)					
Category 1B		≥ 0.1% (note 1)				
reproductive toxicant		≥ -0.3% (note 2)				
Category 2			$\geq 0.1\%$ (note 3)			
reproductive toxicant			≥ 3.0% (note 4)			
Additional category				≥ 0.1% (note 1)		
effects on or via				≥ -0.3% (noto-2)		
Opportunity: E options. This i protection sho	Delete the 0.3 s consistent uld not be rec	3% and 3% c with the GHS duced.	ut-off/conce Guiding Pr	ntration limit inciple that		

	Cut-off/concentration limits triggering classification of a mixture as:			
	Category 1	Category 2		
ategory 1	≥ 1.0% (note 1)			
arget organ toxicant	≥ 10% (note 2)	$- \frac{1.0 \le \text{ingredient} < 10\% \text{ (note 3)}}{1.0 \le 10\% \text{ (note 3)}}$		
ategory 2		≥ 1.0% (note 4)		
arget organ toxicant	-	≥ 10% (note 5)		
Opportunity Option 1: ff/concentration limit option rinciple that protection	Delete the "step-down options. This is consisen should not be reduced	" and 10% cut- tent with the GHS Guiding ed.		

Ingredient Classified as:	Cut-off/concentration limits triggering classification of a mixture as:			
	Category 1	Category 2		
Category 1	≥ 1.0% (note 1)			
Farget organ toxicant	≥ 10% (note 2)	1.0 ≤ ingredient < 10% (note 3)		
Category 2		≥ 1.0% (note 4)		
Target organ toxicant	-	≥ 10% (note 5)		
Opportunity Option 2 cut-off/concentration	: Delete the Category 1 limit options. This is also t protection should not be	1% & Category 2 10% o consistent with the GHS e reduced.		
Guiding Principle tha				



Hazard Class/Category Based on Revision:	US 3	CA 3	EU 4	AU 3	NZ 0	CN 4	JP 4	KR 3	BR 4
4.1 Hazardous to the Aquatic E	i Environme	nt							
Short-Term Hazard									
Category 1									
Category 2									
Category 3									
Long-Term Hazard									
Category 1									
Category 2									
Category 3									
Category 4									
4.2 Hazardous to the Ozone La	ayer								
Category 1									





