

Regulatory Summit Latin America

An overview of GHS in Latin America:

Implementation and adoption

20 - 21 July 2021 | VIRTUAL EVENT



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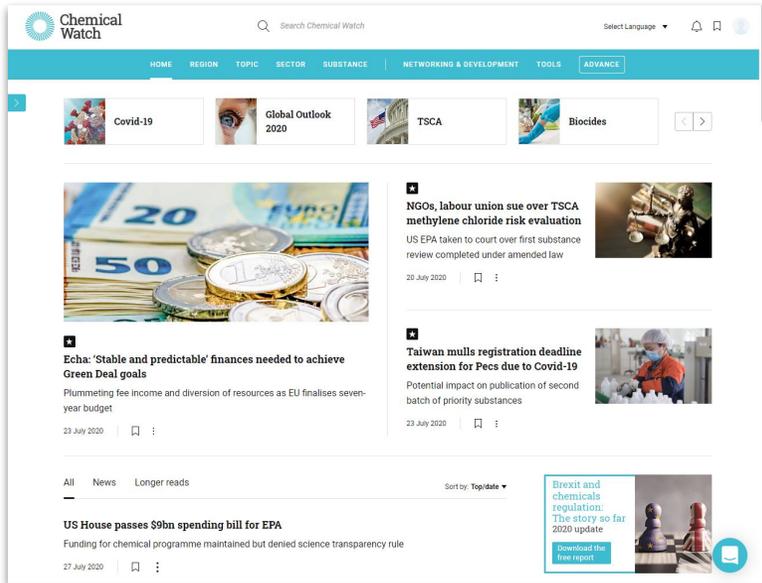
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Global GHS: version adopted or proposed

Thailand	✓								
Vietnam	✓	✓	✓	✓	✓	✓	✓	✓	Vietnam's listed classes and categories resemble the 6th edition. Industry to use earlier and later editions of GHS, starting with the 2020 edition. Currently UN GHS 5th revised edition but CLP alignment to the 6th implemented through the Commission Regulation (EU) 2019/521, 27 March 2019, and the 7th revised edition implemented through the Commission Regulation (EU) 2020/1100, 27 October 2020.
European Union				✓	✓	✓			
Bosnia and Herzegovina				✓					
Iceland				✓					
Lichtenstein				✓					
Montenegro				✓					
Norway				✓					
Serbia				✓					
Switzerland				✓					Still aligned with CLP as last amended by Regulation 2017/776, with the 6th edition. However, the alignment of CLP with 6th and 7th revised edition implemented through the Commission Regulation EU 2019/521, 27 March 2019, and the 7th revised edition implemented through the Commission Regulation (EU) 2020/1100, 27 October 2020.
Russia				✓					
Canada				✓					Looking at aligning with UN GHS 7th revised edition.
United States				✓					Looking at aligning with UN GHS 7th revised edition.
Mexico				✓					

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An overview of GHS in Latin America: Implementation and adoption



Roadmap for the rational management of chemical substances and products for industrial use in Latin America



**HOJA DE RUTA PARA
LA GESTIÓN RACIONAL
DE SUSTANCIAS Y
PRODUCTOS QUÍMICOS
INDUSTRIALES**

Consejo Internacional de Asociaciones Químicas (ICCA)
Foro de Cooperación Regulatoria de América Latina (LARCF)

Grupo Virtual de Trabajo sobre Gestión Racional de Sustancias
Químicas industriales en Latinoamérica (VWG-SMC-LA)

April 2021

Roadmap for the rational management of chemical substances and products for industrial use in Latin America

- ❖ Aim at:
 - promote a greater understanding of the sound management of industrial chemicals and substances;
 - promote the development and implementation of effective regulations that favor cooperation and convergence in the region;
 - aligned with global management initiatives.

Roadmap for the rational management of chemical substances and products for industrial use in Latin America

- ❖ Key Elements for the rational management of chemical substances and products for industrial use in LatAm:
 - National plan
 - **Hazard classification and identification**
 - implementation of the GHS
 - identify and communicate essential information to workers and users;
 - make process and product improvements;
 - prevent accidents
 - **Information on chemical substances and mixtures (inventories/registrations)**
 - Prioritisation, analysis, evaluation and risk management
 - Chemical substances and mixtures in products/articles

Overview of GHS implementation in Latin America



Country	Version adopted	In force since	Product type	Language requirement
Argentina	5	2015	Industrial	Spanish
Brazil	4 7 (proposed draft)	2015	Industrial (consumer ?)	Portuguese
Chile	7	2021	Industrial & consumer	Spanish
Colombia	6	2018	Industrial	Spanish
Costa Rica	6	2017	Industrial	Spanish
Ecuador	1	2018	Industrial Transport Storage	Spanish
Mexico	5	2018	Industrial	Spanish
Uruguay	4	2011	Industrial	Spanish

Overview of GHS implementation in Latin America

Country	Activities
Bolivia	A GHS Planning and Inception Workshop held on 2-3 June 2014. No further information on follow-up activities.
Guatemala	A Planning and Inception Workshop was held on 19-23 February 2014. No further information on follow-up activities.
Honduras	On 1 January 2009, the Government issued a Regulation for the sound management of hazardous chemical substances, stipulating that classification and hazard communication (labelling and SDS) shall conform to the provisions of the GHS. The regulation entered into force the day of its publication in the Official Gazette. No information on further progress has been made available since then.
Paraguay	Currently, Paraguay has not yet issued legislation implementing GHS
Peru	Peru is currently working on the development of legislation to implement GHS

GHS: Implementation and adoption by country





- ❖ **Resolution 801/2015** (as amended by Resolutions 3359/2015 and 155/2016 and by the Joint Provisions 3/2017 and 6/2017 of the Superintendence of Labour Risks)

GHS 5th	Argentina's adoption
—	GHS for workplace only
—	Labels/SDS according to GHS, in Spanish
All the hazard categories and subcategories from GHS were adopted.	

Brazil



❖ Currently

- **Ordinance No. 26** (on hazard communication) of the Ministry of Labour

- Technical provisions for GHS implementation given in **Standard ABNT 14725**
 - ABNT NBR 14725-1:2009 Terminology (corrected in 2010)
 - ABNT NBR 14725-2:2019 Hazard Classification System
 - ABNT NBR 14725-3:2017 Labelling
 - ABNT NBR 14725-4:2014 Safety Data Sheets

Brazil



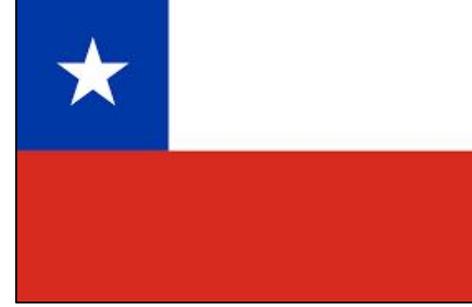
❖ Future

- Draft Standard ABNT NBR 14725 - Chemicals - Information about safety, health and environment - General aspects of Globally Harmonized System (GHS), classification and labelling of chemicals - *to be published in 2021 (?)*
 - Single document;
 - follows GHS 7th revised edition;
 - criteria for hazard classification (physical, health, environmental) - section 5.
 - labelling requirements - section 6
 - information on CBI - subsection 6.4
 - SDS preparation requirements - section 7
 - training - subsection 6.3.2
 - etc.

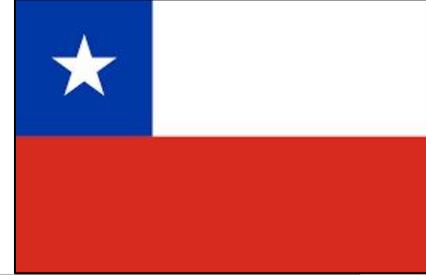
Brazil



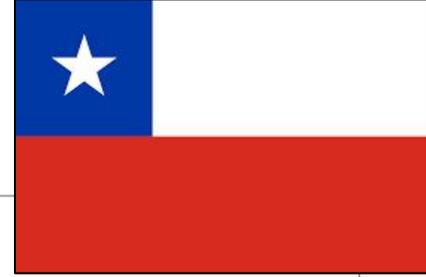
GHS 4th			Brazil's adoption		
—			GHS for workplace only		
Physical Hazards	Health Hazards	Environmental Hazards	Physical Hazards	Health Hazards	Environmental Hazards
Chemically unstable gases			Not adopted		
		Hazardous to the ozone layer			Not adopted
GHS 7th			Brazil's adoption		
All the hazard categories and subcategories from GHS are to be adopted					
			Workplace (consumers to follow?)		



- ❖ **Standard NCh 382:2013 on Classification of Substances** (*does not follow GHS criteria*)
 - **Standard NCh 2245:2015 on Safety data Sheets** → Gives the option to use the classification criteria either from NCh 382:2013 or UN GHS 5th revised edition
 - **Decree 57 of 2019, approving the Regulation for Classification, Labelling and Notification of Hazardous Chemical Substances and Mixtures (according to GHS rev. 7)**
 - Published in the Official Gazette in 9 February 2021
 - Transitional periods:
 - 9 Feb. 2022 and 9 Feb. 2025 → substances and mixtures for industrial use
 - 9 Feb. 2023 and 9 Feb. 2027 → substances and mixtures for non-industrial use



GHS 7th			Chile's adoption		
GHS for both workplaces and consumer products ('non-industrial use')					
Physical Hazards	Health Hazards	Environmental Hazards	Physical Hazards	Health Hazards	Environmental Hazards
Flammable gases (includes pyrophoric gas and chemically unstable gas)			Follows GHS rev. 5 (does not consider pyrophoric gas and different criteria for chemically unstable gas)		
Flammable liquids - 4 categories			Flammable liquids - cat. 4 not adopted		
Desensitised explosives category			Not adopted		
	Acute toxicity class - 5 categories			Act toxicity class - cat. 5 not adopted	



GHS 7th			Chile's adoption		
Physical Hazards	Health Hazards	Environmental Hazards	Physical Hazards	Health Hazards	Environmental Hazards
	Skin corrosion/irritation - 3 categories			Skin corrosion/irritation - cat. 3 not adopted	
	Eye damage/eye irritation - cat. 2 with 2 subcat. 2A/2B			Eye damage/irritation - subcat. 2A/2B not adopted	
	Aspiration hazard - 2 categories			Aspiration hazard - cat. 2 not adopted	
		Acute aquatic toxicity - 3 categories			Acute aquatic toxicity - cat. 2 and 3 not adopted

Specific requirements for consumer products' labelling:

- supplemental information section must contain a Poison Centre telephone number;
- use instructions for the product;
- minimum dimensions of the label and pictograms according to the dimensions of the product's container

Colombia



- ❖ **Decree 1496 of August 2018**, adopting GHS 6th for substances and mixtures meeting the criteria of at least one of the GHS hazard classes
 - the different ministries countersigning the decree will define the implementation period on their areas of responsibility:
 - **Ministry of Work for chemicals in the workplace**
 - Ministry of Health for consumer chemical products;
 - Ministry of Transport for transport of hazardous goods;
 - Ministry of Agriculture for chemical pesticides for agricultural use

- ❖ **Resolution number 0773 of 2021**, establishing the actions that employers must develop for the application of GHS in the workplace
 - published in 13 April 2021
 - enforcement: 13 April 2023 for substances / 13 April 2024 for mixtures

Colombia



GHS 6th	Colombia's adoption
	Adoption: workplaces, consumer products, transport of hazardous goods, pesticides for agricultural use
	Implementation: currently only for workplaces
	Labelling requirements acc. to GHS Labelling dimensions acc. to EU CLP Labels in Spanish (minimum)
Health Hazards	Health Hazards
Carcinogenicity, Toxic for reproduction, STOT - classification acc. criteria defined in GHS	Carcinogenicity, Toxic for reproduction, STOT - classification* acc. criteria defined in the Resolution 0773

* NOTE: other requirements are provided regarding the inclusion of a warning on the label and/or in the SDS according to the cut-off limits defined in the resolution 0773

Costa Rica

❖ **Executive Decree No 40457-S from 2017, implementing**

- **Technical Regulation RTCR 481:2015** Chemical Products. Hazardous chemical products. Labelling
- labelling according to GHS 6 for workplace and supplier chemicals
- transitional period: until 30 December 2022, for existing non-GHS compliant labels on chemicals already registered and placed on the market

➤ **Executive Decree No 40705-S from 2017, implementing**

- Technical Regulation RTCR 478:2015 Chemical products. Hazardous chemical products, registration, import and control
- hazardous chemicals classified in accordance with GHS 6
- hazardous chemicals accompanied by a GHS compliant SDS to be registered

Costa Rica

GHS 6th	Costa Rica's adoption
-	GHS for workplace and supplier chemicals
	Additional labelling requirements (e.g. batch number; list of hazardous ingredients and its concentration (%), according to the SDS; net content; additional precautionary statements*, etc.) Labels in spanish (additional languages may be used)
All the hazard categories and subcategories from GHS were adopted.	

* the label must include the following statements, in **bold**:

- **In case of poisoning, consult a doctor and provide this label**
- **Keep out of the reach of children**



- ❖ **Resolution No 13067 of 17 April 2013, adopting**
 - **RTE INEN 078** Technical regulation on the transport, handling and storage of hazardous materials
 - **Standard INEN 2266:2013** Transport, storage and handling of hazardous materials - Specifications

- ❖ **RTE INEN 078 amended** by Amendment 2 (2017-03-08)
 - postponing its entry into force until 1 February 2018

Ecuador



GHS 1th	Ecuador's adoption
–	GHS for hazardous chemicals' production, trading, transport, storage and handling
	Additional labelling requirements* Labels in Spanish
All the hazard categories and subcategories from GHS were adopted.	

* requirements for label dimensions; pictograms and other signs (also includes requirements for signs and other topics for the transport of hazardous chemicals)

NOTE: A 16 sections' SDS template is provided in the NTE INEN 2266 Annex B

Mexico



- ❖ **NOM-026-STPS-2008**, Colours and signs of safety and hygiene, and identification of risks due to fluids conducted in pipes
- ❖ **NMX-R-019-SCFI-2011**, Harmonised system for the classification and communication of hazards of chemical products
- ❖ **NOM-010-STPS-2014**, Chemical pollutants of the workplace environment - Identification, evaluation and control
- ❖ **Mexican Official Standard NOM-018-STPS-2015**, Harmonised System for the Identification and Communication of Hazards and Risks of Hazardous Chemicals in the Workplace
 - mandatory since 8 October 2018

Mexico



GHS 5th	Mexico's adoption
–	GHS for workplace only
	Establishes additional requirements*
All the hazard categories and subcategories from GHS were adopted.	

*Notes:

- Requirements for employers' obligations, employees' obligations, labelling of chemicals, training, etc.
- Companies have the option to contract an independent certified body to verify its compliance with the standard.
 - Conformity assessment procedure provided in the Standard
- SDSs in 'free format', however, some sections are mandatory, as described in the Standard



- ❖ **Decree 307/009 of 3 July 2009**, approving the Regulation for the protection of safety and health of the workers against chemical agents' related risks during the work
 - labels and SDS must conform to the GHS

- ❖ **Decree 346/011 of 28 September 2011**, amending Decree 307/009
 - extends the transitional period for entry into force of the labelling provisions and preparation of SDS according to the Decree 3017/009
 - this transitional period is now over: labelling of substances until 31 December 2012
labelling of mixtures until 31 December 2017



GHS 4 th	Uruguay's adoption
–	GHS for workplace only
	Establishes additional requirements* Labels in Spanish
All the hazard categories and subcategories from GHS were adopted.	

*Notes:

- Labelling requirements: information according to GHS, additional mandatory information (e.g. expiry date), materials and dimensions of labels
- SDS requirements: format according to GHS
- Requirements for risk prevention of chemical agents
- Specific measures for the prevention and protections against chemical agents' risks

Questions

If you have any questions, please post them in the Q&A panel within the platform.

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20 –21 July 2021 | Virtual conference



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