

# REGULATORY+COMPLIANCE

**What is Planned for 2025  
and How to Stay Ahead of the Changes?**

**2025**



**TotalSDS**





**VERONICA MARRERO**

Director of Professional Services  
and Regulatory Operations



**ALEX MILAN**

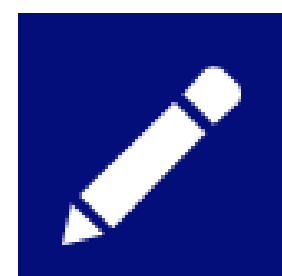
Vice President of Sales and  
Marketing



**RENNEE KARLIK**

Senior Regulatory Compliance  
Specialist





## TODAY'S AGENDA



1

Why Regulatory  
Updates Matter

2

Regional Highlights:  
Canada, EU, Brazil,  
China, USA

3

Next Steps for  
Compliance

4

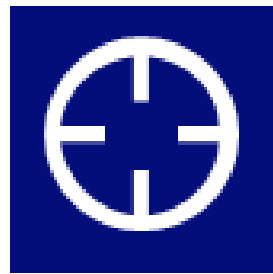
Q&A



An aerial photograph of a dense forest with a mix of green and brown tones, suggesting a mix of tree types or perhaps a fire-affected area. The text "LET'S GO!" is overlaid in the center in a bright red, sans-serif font.

LET'S GO!





# IMPORTANCE OF STAYING CURRENT IN HAZARD COMMUNICATION

Why Staying Current Matters



5

**BUSINESS RISK REDUCTION**

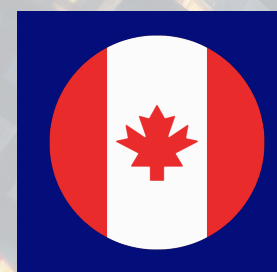
**COMPLIANCE REQUIREMENTS**



**REPUTATION MANAGEMENT**

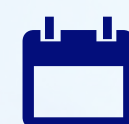






CANADA

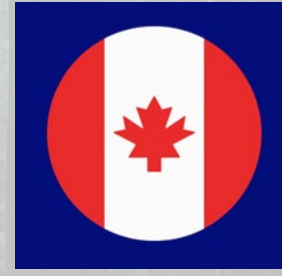
## Hazardous Products Regulation (HPR) Updates



Dec 14 2025

Transition Period Ends





KEY CHANGES

# HAZARD CLASSIFICATION



Dec. 14, 2025

Transition Period Ends

## **Physical Hazards**

- New hazard category for non-flammable aerosols and new subcategories for flammable gases.
- New physical hazards class (chemicals under pressure).

## **Health Hazards**

- A revision of the criteria for Reproductive Toxicity Category 2.
- Criteria identification for substances and mixtures classified under Acute Toxicity (Inhalation) that are also water-activated toxicants.
- Addition of Eye irritation category 2

**Improved clarity for certain provisions.**





KEY CHANGES

## SDS CONTENT CHANGES

### **Section 3**

- Prescribed Concentration Ranges: Allowance of narrower concentration ranges that fall within the prescribed ranges.
- Ingredient Disclosure: Stricture requirements.

**Section 9 (Physical and Chemical Properties):** Revised information elements required.

**Minor updates across the standard to improve clarity and consistency.**



Dec. 14, 2025

Transition Period Ends

**Resource: Link to [Hazardous Products Regulation](#)**



# WHAT YOU NEED TO KNOW



**DEADLINE:**  
Dec 14 2025

Transition Period Ends



## COMPLIANCE TIP

Use updated HPR-compliant SDS templates to ensure alignment with the new requirements.







## EUROPEAN UNION: CHANGES TO CLP REGULATION

The EU's CLP regulation now includes new hazard classes as part of its commitment to improving hazard communication.



May 1, 2025

Deadline for Substances



May 1, 2026

Deadline for Mixtures





## KEY CHANGES

# NEW HAZARD CLASSES

- ED HH in Category 1 and Category 2 (Endocrine disruption for human health)
- ED ENV in Category 1 and Category 2 (Endocrine disruption for the environment)
- PBT (persistent, bioaccumulative, toxic), vPvB (very persistent, very bioaccumulative)
- PMT (persistent, mobile, toxic), vPvM (very persistent, very mobile)



May 1, 2025

Deadline for Substances



May 1, 2026

Deadline for Mixtures





## KEY CHANGES

# NEW HAZARD STATEMENTS



May 1, 2025

Deadline for Substances



May 1, 2026

Deadline for Mixtures

Hazard Class and Category Code	Hazard Statement Code	Hazard Statement
ED HH 1	EUH380	May cause endocrine disruption in humans
ED HH 2	EUH381	Suspected of causing endocrine disruption in humans
ED ENV 1	EUH430	May cause endocrine disruption in the environment
ED ENV 2	EUH431	Suspected of causing endocrine disruption in the environment
PBT	EUH440	Accumulates in the environment and living organisms including in humans
vPvB	EUH441	Strongly accumulates in the environment and living organisms including in humans
PMT	EUH450	Can cause long-lasting and diffuse contamination of water resources
vPvM	EUH451	Can cause very long-lasting and diffuse contamination of water resources





KEY CHANGES

# LABEL ADJUSTMENTS

Specific wording and pictograms for new  
hazard classes



May 1, 2025

Deadline for Substances

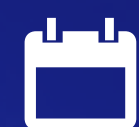


May 1, 2026

Deadline for Mixtures



# WHAT YOU NEED TO KNOW



## DEADLINES:

May 1 2025

Deadline for Substances

May 1 2026

Deadline for Mixtures



## COMPLIANCE TIP

Review updated CLP Annex VI tables and other sources and adjust product classifications accordingly.





## BRAZIL: ADOPTION OF GHS REVISION 7

**Brazil has adopted GHS Revision 7 through its updated NBR 14725:2023 standard, improving alignment with global practices.**



**Jul 4, 2025**

Transition Period Ends





KEY CHANGES

# HAZARD CLASSIFICATION



Jul 4, 2025

Transition Period Ends

## Physical Hazards

- New hazard category for non-flammable aerosols and new subcategories for flammable gases.
- New physical hazards class (desensitized explosives).

## Health Hazards

- Skin and eye irritation: Addition of Eye irritation category 2
- Carcinogenicity and Reproductive Toxicity: Enhanced criteria for Category 2 classifications.

## Environmental Hazards

- Chronic Toxicity: Stricter classification criteria
- Hazardous to the Ozone Layer: New classification added





KEY CHANGES

## SDS CONTENT CHANGES

**Section 2 (Hazards Identification):** Updated hazard statements and pictograms

**Section 5 (Firefighting Measures):** Enhanced guidance for dealing with hazardous chemical fires

**Section 9 (Physical and Chemical Properties):** Expanded information elements



Jul 4, 2025

Transition Period Ends





KEY CHANGES

# LABEL ADJUSTMENTS

Revised precautionary statements for consumer and industrial products



Jul 4, 2025

Transition Period Ends



# WHAT YOU NEED TO KNOW



DEADLINE:  
Jul 4 2025

Transition Period Ends



## COMPLIANCE TIP

Cross-check SDS templates for  
compatibility with NBR  
14725:2023.

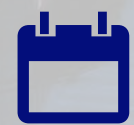






# CHINA – GB 30000.1 UPDATES

China finalizes GB 30000.1  
standards with GHS Revision 8  
integration.



Aug 1, 2025

Transition Period Ends





KEY CHANGES

# HAZARD CLASSIFICATION

## **Physical Hazards**

- New physical hazards class (desensitized explosives).

## **Health Hazards**

- Adjusted cut-off values/concentration limits for certain hazard classes.



Aug 1, 2025

Transition Period Ends





KEY CHANGES

# SDS CONTENT CHANGES

**Section 2 (Hazards Identification):** Updated hazard statements and pictograms



Aug 1, 2025

Transition Period Ends





KEY CHANGES

# LABEL ADJUSTMENTS

Adoption of precedence rules for hazard statements

**Reminder:** Mandatory bilingual (Chinese and English) chemical names on labels for imported products. On SDSs, the Product name must also be listed in both English and Chinese.



Aug 1, 2025

Transition Period Ends



# WHAT YOU NEED TO KNOW



**DEADLINE:**  
Aug 1 2025

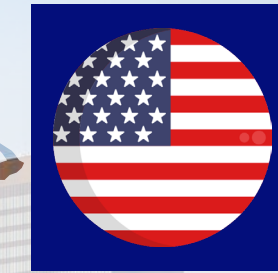
Transition Period Ends



## COMPLIANCE TIP

Ensure SDSs and labels reflect bilingual requirements and new hazard classes. Use translation services familiar with Chinese regulatory terminology.





# UNITED STATES: OSHA UPDATES TO THE HCS

The U.S. adopts GHS Revision 7 and elements of Revision 8—the first update to OSHA's Hazard Communication Standard in over a decade.



## Various Deadlines

2026 - 2028





KEY CHANGES

# HAZARD CLASSIFICATION

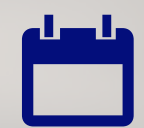
## Physical Hazards

- New hazard category for non-flammable aerosols and new subcategories for flammable gases.
- New physical hazards classes (desensitized explosives and chemicals under pressure).

## Health Hazards

- Addition of Eye irritation category 2
- Criteria identification for substances and mixtures classified under Acute Toxicity (Inhalation) that are also water-activated toxicants.

**Improved clarity and precision for certain provisions.**



Various Deadlines

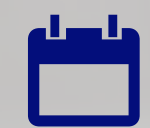
2026 - 2028





## KEY CHANGES

# SDS CONTENT CHANGES



## Various Deadlines

2026 - 2028

**Section 3 (Prescribed Concentration Ranges):** New requirement.

**Section 9 (Physical and Chemical Properties):** Revised information elements required.

**Section 11 (Toxicological Information):** Inclusion of "interactive effects".

**Section 14 (Transport Information):** Renaming of the subsection to 'Transport in bulk according to IMO instruments'.

**Minor updates across other sections to improve clarity and consistency.**





## KEY CHANGES

# DEADLINES



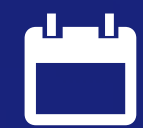
## Various Deadlines

2026 - 2028

Deadline	Applicable Stakeholders
January 19, 2026	Manufacturers, importers, and distributors: compliance for substances
July 20, 2026	All employers: compliance for substances
July 19, 2027	Chemical manufacturers, importers, and distributors: compliance for mixtures
January 19, 2028	All employers: compliance for mixtures



# WHAT YOU NEED TO KNOW



DEADLINES:  
Various

2026 - 2028



## COMPLIANCE TIP

Update workplace training to include changes in hazard classifications.



# EMERGING REGULATORY UPDATES ON THE HORIZON



Upcoming changes to  
monitor



United  
Nations



Japan







## UPCOMING CHANGES TO MONITOR

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### **United Nations – GHS Revision 11**

- The UN is expected to release Revision 11 of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) soon
- Anticipated updates may include:
  - Refinements to hazard class definitions
  - Additional guidance on classification of complex mixtures

**Impact: Businesses should prepare for cascading effects as countries adopt this revision into their local regulations.**





## UPCOMING CHANGES TO MONITOR

### **Japan – JIS Regulations Update**

- Japan is expected to update its JIS (Japanese Industrial Standards with GHS Revision 9
- Likely changes:
  - New hazard classes to mirror the latest UN updates
  - Revised Safety Data Sheet (SDS) and labeling standard

**Preparation Tips: Stay informed by monitoring announcements from the UN Sub-Committee of experts on GHS and Japan's Ministry of Economy, Trade, and Industry (METI)**





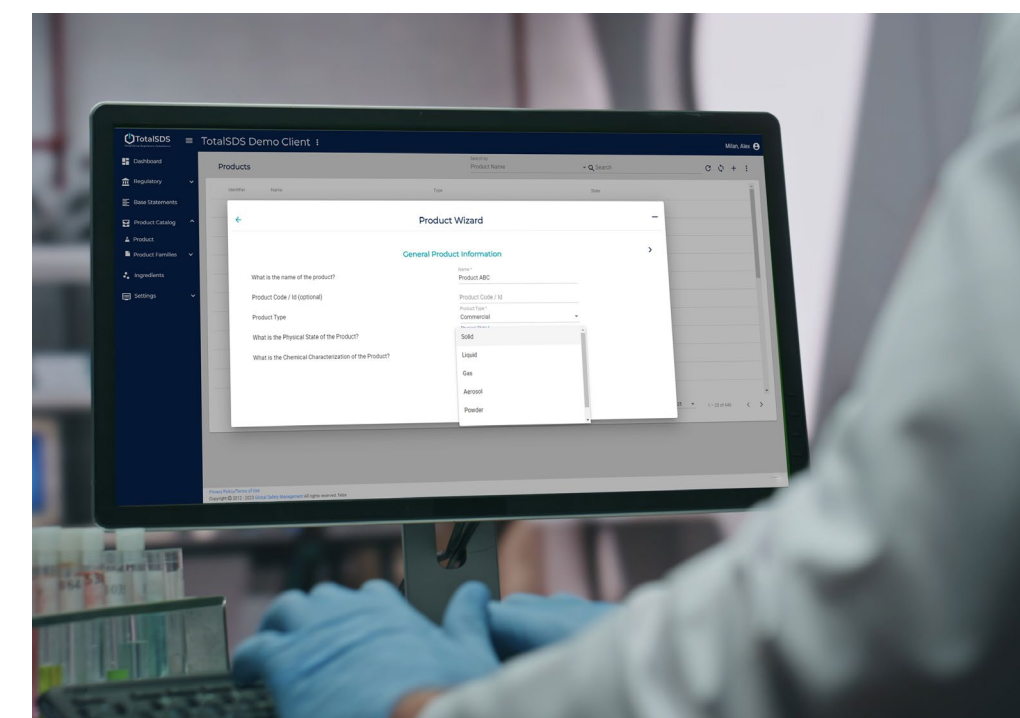
# PREPARING YOUR BUSINESS FOR SUCCESS

Best practices for compliance

STAY  
INFORMED

Monitor updates  
from regulatory  
bodies like OSHA,  
ECHA, and others

USE  
TECHNOLOGY



PARTNER  
WITH  
EXPERTS

Leverage TotalSDS  
for up-to-date  
guidance and  
solutions



Implement  
compliance  
software to  
automate label  
and SDS updates





## SIMPLIFYING COMPLIANCE

## LET'S GET IN TOUCH

Contact the TotalSDS team to  
schedule a compliance audit  
or learn more about our  
software solutions.



**813-859-5100**

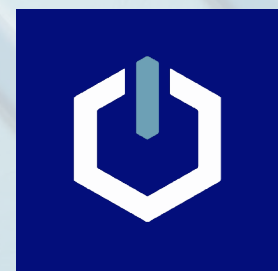


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TOTALSDS AUTHOR  
SOFTWARE

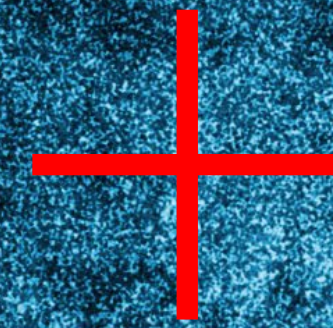
## PROJECTED SOFTWARE RELEASE TIMELINES FOR JURISDICTION UPDATES

Jurisdiction	Anticipated Software Release Update
United States	June 2025
Brazil	End of January 2025
Canada	May/June 2025
European Union	Already Released
China	TBD (stay tuned)





LIVE Q & A



Thank you



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