



# An overview of the 'CLP' Regulation bringing the GHS global criteria into Europe

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# Introduction

- Chemical hazards are the same regardless of where they are made or used.
- Different classification and labelling schemes developed globally over the last 30-40 years
- GHS offers a more consistent, transparent and comparable system
- **ONE** Substance = **ONE** Criteria = **ONE** C&L



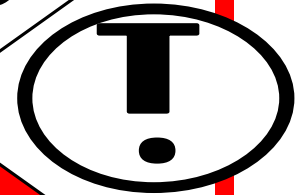
# Introduction

## HARMFUL IF SWALLOWED



警告

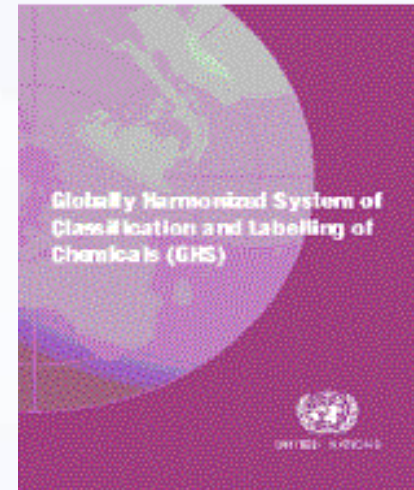
WARNING!





# Evolution of GHS

- Initiated at the 1992 UN 'Earth Summit' in Rio de Janeiro
- Developed by the United Nations
- 2<sup>nd</sup> edition published in July 2007  
'Purple Book'
- Target audiences:
  - Manufacturers, importers, distributors & downstream users of chemical products, Workers, Emergency Responders and Consumers





# GHS in Europe... CLP Regulation

- UN committed to introduce GHS by 2008
- EU Commission started consultation in August 2006
- Draft CLP Regulation released in June 2007
- Negotiations from July 2007 to June 2008
- Agreement reached in September 2008
- Published as Official Journal 31<sup>st</sup> December 2008
- Entered into force 20<sup>th</sup> January 2009
- Direct acting in all Member States
- Administrative and enforcement provisions through Chemicals Act 2008.



# CLP - Scope

- Based on Article 95 (internal market)
- C&L of substances and mixtures (including Plant Protection Products and Biocides)
- Building Block Approach - Hazard Class & Hazard Category
- No reduction in protection = existing EU system
- Consistency with Transport Legislation
- Scope = REACH
- Mechanism to adapt as UN changes made



# CLP Structure - Titles

- Title I: General Issues
- Title II Hazard Identification, Hazard Evaluation & Classification
- Title III: Hazard Communication in form of labelling
- Title IV: Packaging
- Title V: Harmonisation of Classification and Labelling
- Title VI: Competent Authorities & Enforcement
- Title VII: Common and Final Provisions



# CLP-Structure - Technical Annexes

- Annex I: C&L for hazardous substances & mixtures
- Annex II: Special Rules for Labelling and Packaging of certain substances & mixtures
- Annex III: List of Hazard Statements, supplemental Hazard Information
- Annex IV: List of precautionary statements
- Annex V: Hazard Pictograms
- Annex VI: Harmonised classification & labelling for certain hazardous substances
- Annex VII: Translation Tables





# Changes in Terminology

Current	New
CPL Directives 67/548/EC & 1999/45/EC	CLP Regulation (EC) No 1272/2008
Annex I	Annex VI
Dangerous	Hazardous
Preparations	Mixtures
Symbols	Pictograms
Indication of Danger	Signal Word
Risk Phrases	Hazard Statements
Safety Phrases	Precautionary Statements



# Physical Hazards

Physical

Signal Word

Hazard Statement



Danger

H202



Warning

H224



Danger

H272



Warning

H280



# Health Hazards

Health

Signal Word

Precautionary Statement



Danger

H300



Danger

H314



Warning

H315



Danger

H340



# Environmental Hazards

Environmental	Signal Word	Hazard Statement
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	Warning	
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		H411
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# Hazard Statements

- Physical Hazards: H200 series
- Health Hazards: H300 series
- Environmental Hazards H400 series



# Precautionary Statements

- General P101 Keep out of Reach of Children
- Prevention P201 Obtain special instructions before use
- Response P310 Call a poison centre
- Storage P410 Store in a well ventilated place
- Disposal P501 Dispose of container to...



## EU Supplemental Information

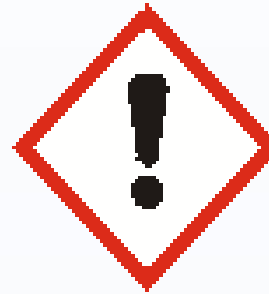
- EUH + Number
- Complied of EU Risk Phrases not yet in UN GHS
  - Physical EUH001: Explosive when dry
  - Health EUH029: Contact with water liberates toxic gas



# CPL versus CLP labelling



**HARMFUL**  
Risk of serious  
damage to eyes



**WARNING**  
Causes serious  
eye irritation





# CLP Transitional provisions

- Substances - Dec 2010
  - Dec 2012 if already placed on market
- Mixtures - June 2015
  - June 2017 if already placed on market
- Fully operational - June 2015



# Legislation amended with CLP

- 3 amended directly within CLP
  - CPL Directive 67/548/EEC (Article 55)
  - CPL Directive 1999/45/EC (Article 56)
  - REACH Regulation (EC) No 1907/2006 (Articles 57-59)
- 7 amended at same time as CLP
  - Detergents [Regulation \(EC\) No 1336/2008](#) amending (EC) No 648/2004
  - [Directive 2008/112/EC](#) amending Directives on Toy safety; Eco-labels; VOC, Ambient Air Quality; WEEE and Cosmetics



# Further legislation to be amended

- Prior Informed Consent (PIC)
- Seveso II
- Chemical Agents
- Carcinogens/Mutagens
- Pregnant/Breastfeeding Workers
- Safety and/or Health Signs

**Not exhaustive list!**

# Changes to Irish CPL Legislation

- Regulation ( EC) No 1272/ 2008 on classification, labelling and packaging of substances and mixtures  
will amend/repeal
- Classification, Packaging, Labelling & Notification of Dangerous Substances Regulations 2003 S.I No 116 of 2003 transposing Directive 67/548/EEC
- Classification, Packaging, Labelling & Notification of Dangerous Preparations Regulations 2004 S.I No 62 of 2004 transposing Directive 1999/45/EC



# Industry Guidance Development

- Initiated in July 2007 with experts from Industry and Competent Authorities
- Concise (Module 1) expected in March 2009
- Detailed (Module 2) for Physical, Health & Environmental criteria, expected in June 2009

## Further information

### Webpage

[http://www.hsa.ie/eng/Sectors/Chemicals/GHS\\_CLP/](http://www.hsa.ie/eng/Sectors/Chemicals/GHS_CLP/)

### HSA Helpdesk

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### Seminars & awareness raising planned



# Questions?

