















Old Hazard Symbols vs. New hazard symbols





Scope

The European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures – the CLP Regulation – came into force in all EU member states, including the UK, on 20 January 2010. The CLP Regulation:

- adopts in the EU the Globally Harmonised System (GHS) on the classification and labelling of chemicals;
- is being phased in through a transitional period which runs until 1 June 2015. The CLP Regulation applies to substances from 1 December 2010, and to mixtures (preparations) from 1 June 2015;
- applies directly in all EU member states. This means that no national legislation is needed;
- is overseen by the European Chemicals Agency (ECHA);
- will replace the Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 – CHIP – from 1 June 2015

NEW CLP Pictogram	Number	Hazard Class (CLP)	OLD 'CHIP' Symbol
PHYSICAL HAZARDS			
	GHS-01	<ul style="list-style-type: none"> • Explosives • Self-reactive substances and mixtures, types A, B • Organic peroxides, types A,B 	 Explosive
	GHS-02	<ul style="list-style-type: none"> • Flammable gases, aerosols, liquids or solids • Self reactive substances and mixtures • Pyrophoric liquids and solids • Self-heating substances and mixtures • Substances and mixtures, which in contact with water emit flammable gases • Organic peroxides 	 Highly/Extremely flammable
	GHS-03	<ul style="list-style-type: none"> • Oxidising gases, liquids and solids 	 Oxidising

	GHS-04 NEW	<ul style="list-style-type: none"> Compressed gases, liquids and solids Liquefied gases Refrigerated liquefied gases Dissolved gases 	No current symbol
	GHS-05	<ul style="list-style-type: none"> Corrosive to metals 	 Corrosive
HEALTH HAZARDS			
	GHS-06	<ul style="list-style-type: none"> Acute toxicity (Cat 1 - 3) 	 Toxic/Very Toxic Harmful
	GHS-07 NEW	Acute toxicity (Cat 4) Skin and eye irritation Skin sensitisation Specific target organ toxicity Respiratory tract irritation Narcotic effects	 Harmful/Irritant
	GHS-08 NEW	Respiratory sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity Aspiration hazard	 No current specific symbol (Use either)

	<p>GHS-05</p>	<p>Skin corrosion Severe eye damage</p>	 <p>Corrosive</p>
<p>ENVIRONMENTAL HAZARDS</p>			
	<p>GHS-09</p>	<p>Hazardous to the aquatic environment (acute) Hazardous to the aquatic environment (chronic)</p>	 <p>Dangerous to the environment</p>