

# EVANS GUIDE TO CLP

## Classification, Labelling and Packaging

Under the Control of Substances Hazardous to Health Regulations (COSHH), all persons at work need to know the safety precautions to take so as not to endanger themselves or others through exposure to substances hazardous to health.

All chemicals are classified under the Globally Harmonised System of Classification (GHS). In the EU this is implemented by law using the Classification Labelling and Packaging (CLP) Regulation, this will ensure that the hazards presented by chemicals are clearly communicated to workers and consumers in the European Union through classification and labelling of chemicals.

DANGER		Life threatening even in small amounts and brief exposure.	Handle with care! Never swallow or inhale! Wear protective clothing!
		Causes very serious long-term health effects.	
		Causes skin and eye burns. Causes serious eye damage.	
WARNING		Destruction of metal.	Handle with care! Avoid inhalation, ingestion, skin and eye contact! Avoid release!
		Skin and eye irritation. Adverse health effects.	
		Damage to the ozone layer.	
DANGER		Explosive - sensitive to fire, heat, vibration or friction.	Keep your distance! Handle with care! No ignition sources!
		Flammable - serious fires if exposed to sparks, flames or heat.	
		Causes or intensifies fire. Increases fire hazard.	
WARNING		Container explodes if heated. Very cold liquid burns when touched.	Do not heat! No skin contact!
		Toxic to aquatic organisms. Long term damage to the eco-system.	

All hazardous chemicals which are manufactured on or after 1<sup>st</sup> June 2015 are required to have labels with the CLP label requirements and should include:

**Company Name, Address and Telephone Number**  
**Product Name (identifier)**  
**Hazard Pictogram**  
**Signal Word**  
**Hazard and Precautionary Statements**

### SIGNAL WORDS

CLP introduces two new signal words

- **DANGER** - If the chemical has a more severe hazard
- **WARNING** - If the chemical has a less severe hazard

As well as the Signal words all the Risk Phrases have been replaced with Hazard Statements and the Safety Phrases have been replaced with Precautionary Statements which have been grouped into a logical order.

### HAZARD STATEMENTS

These replace the Risk (R) Phrases

**H200 - H299** referring to Physical hazards  
**H300 - H399** referring to Health hazards  
**H400 - H499** referring to Environmental hazards

### PRECAUTIONARY STATEMENTS

These replace the Safety (S) Phrases

**P100s - General** e.g. Keep out of reach of children  
**P200s - Prevention** e.g. Protect from moisture  
**P300s - Response** e.g. If on skin.....  
**P400s - Storage** e.g. Store locked away  
**P500s - Disposal** e.g. Dispose of contents / container

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