

The University of Hertfordshire Agricultural Substances Summary of Hazard Phrases – CLP Classification

The 'CLP' Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures, or simply 'CLP', introduces the United Nations globally harmonised system (UN GHS) for classification and labelling of chemicals into Europe. From December 2010 all pure substances, which includes crop protection substances must be assessed and classified according to the new CLP rules. Consequently the old Risk – and Safety-phrases approach is no longer used and has been replaced with Hazard- and Precautionary-phrases.

H-200 Physical hazards			
H200	Unstable Explosive.	H240	Heating may cause an explosion.
H201	Explosive; mass explosion.	H241	Heating may cause a fire or explosion.
H202	Explosive; severe projection potential.	H242	Heating may cause a fire.
H203	Explosive; fire, blast or projection potential.	H250	Catches fire spontaneously if exposed to air.
H204	Fire or projection potential.	H251	Self-heating; may catch fire.
H205	May mass explode in fire.	H252	Self-heating in large quantities; may catch fire.
H220	Extremely flammable gas.	H260	In contact with water releases flammable gases which may ignite spontaneously.
H221	Flammable gas.	H261	In contact with water releases flammable gas .
H222	Extremely flammable aerosol.	H270	May cause or intensify fire; oxidiser.
H223	Flammable aerosol.	H271	May cause fire or explosion; strong oxidiser.
H224	Extremely flammable liquid & vapour.	H272	May intensify fire; oxidiser.
H225	Highly Flammable liquid & vapour.	H280	Contains gas under pressure; may explode if heated.
H266	Flammable liquid & vapour.	H281	Contains refrigerated gas; may cause cryogenic burns or injury.
H228	Flammable solid.	H290	May be corrosive to metals.

H-300 Health hazards			
H300	Fatal if swallowed.	H341	Suspected of causing genetic defects.
H301	Toxic if swallowed.	H350	May cause cancer.
H302	Harmful if swallowed.	H350i	May cause cancer by inhalation.
H304	May be fatal if swallowed & enters airways.	H351	Suspected of causing cancer.
H305	May be fatal if swallowed & enters airways	H360	May damage fertility or the unborn child.
H310	Fatal in contact with skin.	H360F	May damage fertility.
H311	Toxic in contact with skin.	H360D	May damage the unborn child.
H312	Harmful in contact with skin.	H360FD	May damage fertility. May damage the unborn child.
H414	Causes severe skin burns & eye damage.	H360Fd	May damage fertility. Suspected of damaging unborn child.
H315	Causes severe skin burns & eye damage.	H360Df	May damage the unborn child. Suspected of damaging fertility.
H317	May cause an allergic skin reaction.	H361	Suspected of damaging fertility or the unborn child.
H318	Causes serious eye damage.	H361f	Suspected of damaging fertility.
H319	Causes serious eye irritation.	H361d	Suspected of damaging the unborn child.
H330	Fatal if inhaled.	H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H331	Fatal if inhaled.	H362	May cause harm to breast-fed children.
H332	Harmful if inhaled	H370	Causes damage to organs
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	H371	May cause damage to organs.
H335	May cause respiratory irritation.	H372	Causes damage to organs through prolonged or repeated exposure.
H336	May cause drowsiness or dizziness.	H373	Causes damage to organs through prolonged or repeated exposure.
H340	May cause genetic defects.		

H-400 Environmental hazards			
H400	Very toxic to aquatic life.	H412	Harmful to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.	H413	May cause long lasting harmful effects to aquatic life.
H411	Toxic to aquatic life with long lasting effects.	H420	Harms public health and the environment by destroying ozone in the upper atmosphere.

Combined statements			
H300 + H310	Fatal if swallowed or in contact with skin.	H301 + H331	Toxic if swallowed or if inhaled.
H300 + H330	Fatal if swallowed or if inhaled.	H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled.
H310 + H330	Fatal in contact with skin or if inhaled.	H302 + H312	Harmful if swallowed or in contact with skin.
H300 + H310 + H330	Fatal if swallowed, in contact with skin or if inhaled.	H312 + H332	Harmful in contact with skin or if inhaled.
H301 + H311	Toxic if swallowed or in contact with skin.	H302 + H312 + H332	Harmful if swallowed, in contact with skin or if inhaled.

Other hazard statements			
EUH001	Explosive when dry.	EUH201	Contains lead. Should not be used on surfaces liable to be chewed or sucked by children. Warning! Contains lead.
EUH006	Explosive with or without contact with air.	EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
EUH014	Reacts violently with water.	EUH071	Corrosive to the respiratory tract.
EUH018	In use may form flammable / explosive vapour-air mixture.	EUH203	Contains chromium (VI). May produce an allergic reaction.
EUH019	May form explosive peroxides.	EUH204	Contains isocyanates. May produce an allergic reaction.
EUH029	Contact with water liberates toxic gas.	EUH205	Contains epoxy constituents. May produce an allergic reaction.
EUH301	Contact with acids liberates toxic gas.	EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine).
EUH032	Contact with acids liberates very toxic gas.	EUH207	Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer.
EUH044	Risk of explosion if heated under confinement.	EUH208	Contains a sensitising substance. May produce an allergic reaction.
EUH059	Hazardous to the ozone layer.	EU209	Can become highly flammable in use. Can become flammable in use.
EUH066	Repeated exposure may cause skin dryness or cracking.	EUH210	Safety data sheet available on request.
EUH070	Toxic by eye contact.	EUH401	To avoid risks to human health and the environment, comply with the instructions for use.