

CLP Regulation (EC) No. 1272/2008



An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

HSA

An tÚdarás Sláinte agus Sábháilteachta
Health and Safety Authority

on the classification, labelling and
packaging of substances and mixtures

Rev. August 2026

Hazard Statements (H- Statements)⁽¹⁾



GHS01



GHS02



GHS03



GHS04

(1) Are still discussed in the UN, changes may still arise.

H200 - Series: Physical Hazards

- | | |
|--|---|
| H200: Unstable explosive | H230: May react explosively even in the absence of air |
| H201: Explosive; mass explosion hazard | H231: May react explosively even in the absence of air at elevated pressure and/or temperature |
| H202: Explosive; severe projection hazard | H232: May ignite spontaneously if exposed to air |
| H203: Explosive; fire, blast or projection hazard | H240: Heating may cause an explosion |
| H204: Fire or projection hazard | H241: Heating may cause a fire or explosion |
| H205: May mass explode in fire | H242: Heating may cause a fire |
| H206: Fire, blast or projection hazard; increased risk of explosion if desensitising agent is reduced | H250: Catches fire spontaneously if exposed to air |
| H207: Fire or projection hazard; increased risk of explosion if desensitising agent is reduced | H251: Self-heating: may catch fire |
| H208: Fire hazard; increased risk of explosion if desensitising agent is reduced | 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 and vapour | H272: May intensify fire; oxidiser |
| H225: Highly flammable liquid and vapour | H280: Contains gas under pressure; may explode if heated |
| H226: Flammable liquid and vapour | H281: Contains refrigerated gas; may cause cryogenic burns or injury |
| H228: Flammable solid | H290: May be corrosive to metals |
| H229: Pressurised container: May burst if heated | |

Hazard Statements (H- Statements)⁽¹⁾



GHS05



GHS06



GHS07



GHS08

(1) Are still discussed in the UN, changes may still arise.

H300 - Series: Health Hazards

H300: Fatal if swallowed

H301: Toxic if swallowed

H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways

H310: Fatal in contact with skin

H311: Toxic in contact with skin

H312: Harmful in contact with skin

H314: Causes severe skin burns and eye damage

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H319: Causes serious eye irritation

H330: Fatal if inhaled

H331: Toxic if inhaled

H332: Harmful if inhaled

H300 + H310: Fatal if swallowed or in contact with skin

H300 + H330: Fatal if swallowed or if inhaled

H310 + H330: Fatal in contact with skin or if inhaled

H300 + H310 + H330: Fatal if swallowed, in contact with skin or if inhaled

H301 + H311: Toxic if swallowed or in contact with skin

H301 + H331: Toxic if swallowed or if inhaled

H311 + H331: Toxic in contact with skin or if inhaled

H301 + H311 + H331: Toxic if swallowed, in contact with skin or if inhaled

H302 + H312: Harmful if swallowed or in contact with skin

H302+ H332: Harmful if swallowed or if inhaled

H312 + H332: Harmful in contact with skin or if inhaled

H302 + H312 + H332: Harmful if swallowed, in contact with skin or if inhaled

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335: May cause respiratory irritation

H336: May cause drowsiness or dizziness

H340: May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H350i: May cause cancer by inhalation

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H360: May damage fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

Hazard Statements (H- Statements)⁽¹⁾



GHS05



GHS06



GHS07



GHS08

(1) Are still discussed in the UN, changes may still arise.

H300 - Series: Health Hazards (continued)

H360F: May damage fertility

H360D: May damage the unborn child

H360FD: May damage fertility. May damage the unborn child

H360Fd: May damage fertility. Suspected of damaging the unborn child

H360Df: May damage the unborn child. Suspected of damaging fertility

H361: Suspected of damaging fertility or the unborn child *<state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>*

H361f: Suspected of damaging fertility

H361d: Suspected of damaging the unborn child

H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child

H362: May cause harm to breast-fed children

H370: Causes damage to organs *<or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>*

H371: May cause damage to organs *<or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>*

H372: Causes damage to organs *<or state all organs affected, if known>* through prolonged or repeated exposure *<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>*

H373: May cause damage to organs *<or state all organs affected, if known>* through prolonged or repeated exposure *<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>*

Hazard Statements (H- Statements)⁽¹⁾



(1) Are still discussed in the UN, changes may still arise.

H400 - Series: Environmental Hazards

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

H411: Toxic to aquatic life with long lasting effects

H412: Harmful to aquatic life with long lasting effects

H413: May cause long lasting harmful effects to aquatic life

H420: Harms public health and the environment by destroying ozone in the upper atmosphere

Hazard Statements (H- Statements)⁽¹⁾

(1) Are still discussed in the UN, changes may still arise.

Supplemental Hazard Information (EUH-Statements)

EUH 001	Explosive when dry.	EUH 208	Contains <name of sensitising substance>. May produce an allergic reaction.
EUH 014	Reacts violently with water.	EUH 209	Can become highly flammable in use
EUH 018	In use may form flammable/explosive vapour-air mixture.	EUH 209A	Can become flammable in use
EUH 019	May form explosive peroxides.	EUH 210	Safety data sheet available on request
EUH 044	Risk of explosion if heated under confinement.	EUH 211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
EUH 029	Contact with water liberates toxic gas.	EUH 212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.
EUH 031	Contact with acids liberates toxic gas.	EUH 380	May cause endocrine disruption in humans
EUH 032	Contact with acids liberates very toxic gas.	EUH 381	Suspected of causing endocrine disruption in humans
EUH 066	Repeated exposure may cause skin dryness or cracking.	EUH 401	To avoid risks to human health and the environment, comply with the instructions for use.
EUH 070	Toxic by eye contact.	EUH 430	May cause endocrine disruption in the environment
EUH 071	Corrosive to the respiratory tract.	EUH 431	Suspected of causing endocrine disruption in the environment
EUH 201	Contains lead. Should not be used on surfaces liable to be chewed or sucked by children	EUH 440	Accumulates in the environment and living organisms including in humans
EUH 201A	Warning! Contains lead	EUH 441	Strongly accumulates in the environment and living organisms including in humans
EUH 202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.	EUH 450	Can cause long-lasting and diffuse contamination of water resources
EUH 203	Contains chromium(VI). May produce an allergic reaction.	EUH 451	Can cause very long-lasting and diffuse contamination of water resources
EUH 204	Contains isocyanates. May produce an allergic reaction.		
EUH 205	Contains epoxy constituents. May produce an allergic reaction.		
EUH 206	Warning! Do not use together with other products. May release dangerous gases (chlorine).		
EUH 207	Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer. Comply with the safety instructions.		

Precautionary Statements (P- Statements)

P 100 - Series: General

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label carefully and follow all instructions.

P 200 - Series: Prevention

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P212 Avoid heating under confinement or reduction of the desensitising agent.

P220 Keep away from clothing and other combustible materials.

P222 Do not allow contact with air.

P223 Do not allow contact with water.

P230 Keep wetted with ...

P231 Handle and store contents under inert gas/...

P232 Protect from moisture.

P233 Keep container tightly closed.

P234 Keep only in original packaging.

P235 Keep cool.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting/.../]equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P244 Keep valves and fittings free from oil and grease.

P250 Do not subject to grinding/shock/friction...

P251 Do not pierce or burn, even after use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P262 Do not get in eyes, on skin, or on clothing.

P263 Avoid contact during pregnancy and while nursing.

P264 Wash ... thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P282 Wear cold insulating gloves and either face shield or eye protection.

P283 Wear fire resistant or flame retardant clothing.

P284 [In case of inadequate ventilation] wear respiratory protection.

P231 + P232 Handle and store under inert gas/. Protect from moisture.

Precautionary Statements (P- Statements)

P 300 - Series: Response

P301	IF SWALLOWED:	P352	Wash with plenty of water/..
P302	IF ON SKIN:	P353	Rinse skin with water [or shower].
P303	IF ON SKIN (or hair):	P360	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P304	IF INHALED:	P361	Take off immediately all contaminated clothing.
P305	IF IN EYES:	P362	Take off contaminated clothing.
P306	IF ON CLOTHING:	P363	Wash contaminated clothing before reuse.
P308	IF exposed or concerned:	P364	And wash it before reuse.
P310	Immediately call a POISON CENTER/ doctor/...	P370	In case of fire:
P311	Call a POISON CENTER/doctor/...	P371	In case of major fire and large quantities:
P312	Call a POISON CENTER/doctor/... if you feel unwell.	P372	Explosion risk.
P313	Get medical advice/attention.	P373	DO NOT fight fire when fire reaches explosives.
P314	Get Medical advice/attention if you feel unwell.	P375	Fight fire remotely due to the risk of explosion.
P315	Get immediate medical advice/attention.	P376	Stop leak if safe to do so.
P320	Specific treatment is urgent (see ... on this label).	P377	Leaking gas fire. Do not extinguish unless leak can be stopped safely.
P321	Specific treatment (see ... on this label).	P378	Use ... to extinguish.
P330	Rinse mouth.	P380	Evacuate area.
P331	Do NOT induce vomiting.	P381	In case of leakage, eliminate all ignition sources.
P332	If skin irritation occurs:	P390	Absorb spillage to prevent material damage.
P333	If skin irritation or a rash occurs:	P391	Collect spillage.
P334	Immerse in cool water [or wrap in wet bandages].	P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor/...
P335	Brush off loose particles from skin.	P301 + P312	IF SWALLOWED: Call a POISON CENTER/ doctor/... if you feel unwell.
P336	Thaw frosted parts with lukewarm water. Do not rub affected area.	P302 + P334	IF ON SKIN: Immerse in cool water or wrap in wet bandages.
P337	If eye irritation persists:	P302 + P352	IF ON SKIN: Wash with plenty of water/...
P338	Remove contact lenses if present and easy to do. Continue rinsing.		
P340	Remove person to fresh air and keep comfortable for breathing.		
P342	If experiencing respiratory symptoms:		
P351	Rinse cautiously with water for several minutes.		

Precautionary Statements (P- Statements)

P 300 - Series: Response

P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P306 + P360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.	P302 + P335 + P334	IF ON SKIN: Brush off loose particles from skin. Immerse in cool water [or wrap in wet bandages].
P308 + P311	IF exposed or concerned: Call a POISON CENTER/doctor/..	P303 + P361 + P353	IF ON SKIN (or hair):Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P308 + P313	IF exposed or concerned: Get medical advice/attention.		
P332 + P313	If skin irritation occurs: Get medical advice/attention.	P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention.		
P336 + P315	Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.	P370 + P380 + P375	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P337 + P313	If eye irritation persists: Get medical advice/attention.	P371 + P380 + P375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...	P370 + P372 + P380 + P373	In case of fire: Explosion risk: Evacuate area. DO NOT fight fire when fire reaches explosives.
P361 + P364	Take off immediately all contaminated clothing and wash it before reuse.		
P362 + P364	Take off all contaminated clothing and wash it before reuse.	P370 + P380 + P375 + [P378]	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. [Use...to extinguish].
P370 + P376	In case of fire: Stop leak if safe to do so.		
P370 + P378	In case of fire: Use ... to extinguish.		

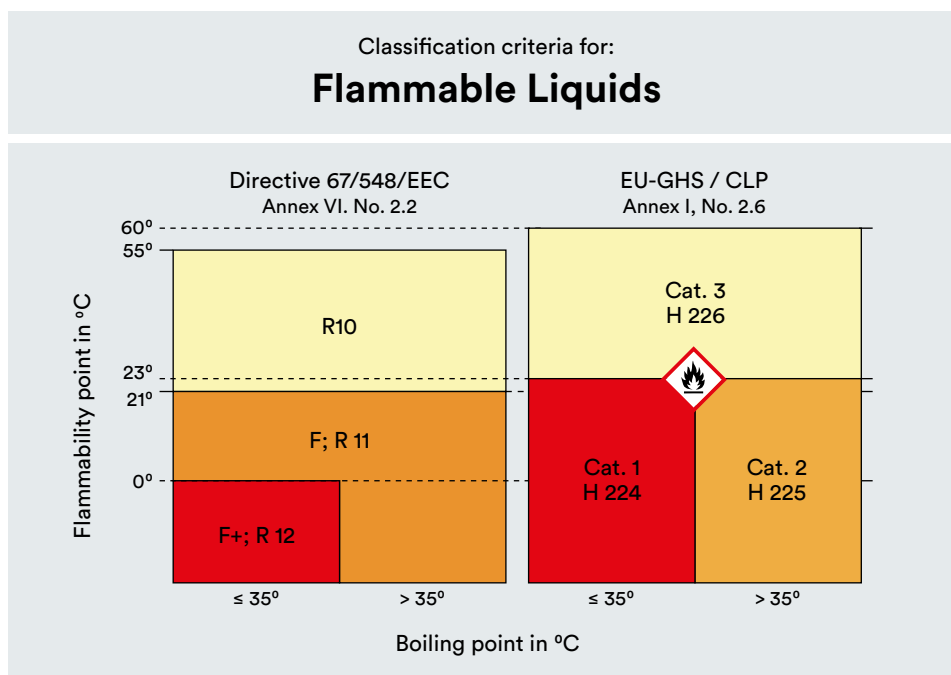
Precautionary Statements (P- Statements)

P 400 - Series: Storage

P401	Store in accordance with....	P413	Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ...°C/...°F.
P402	Store in a dry place.	P420	Store separately
P403	Store in a well-ventilated place.	P402 + P404	Store in a dry place. Store in a closed container.
P404	Store in a closed container.	P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.	P403 + P235	Store in a well-ventilated place. Keep cool.
P406	Store in a corrosion-resistant/... container with a resistant inner liner.	P410 + P403	Protect from sunlight. Store in a well-ventilated place.
P407	Maintain air gap between stacks or pallets	P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P410	Protect from sunlight.		
P411	Store at temperatures not exceeding ... °C/... °F.		
P412	Do not expose to temperatures exceeding 50 °C/122 °F.		

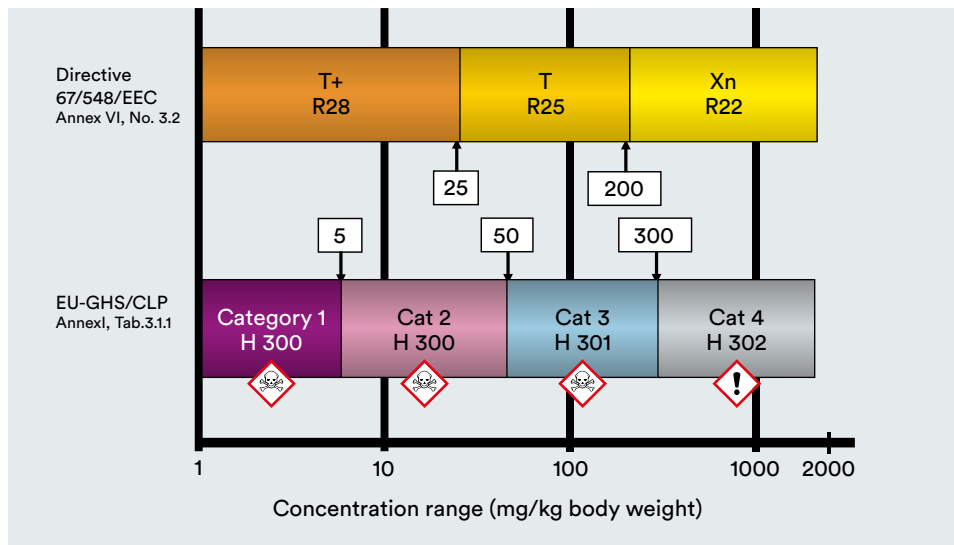
P 500 - Series: Disposal

P501	Dispose of contents/container to ...	P503	Refer to manufacturer/supplier/... for information on disposal/recovery/recycling
P502	Refer to manufacturer or suppliers for information on recovery or recycling		



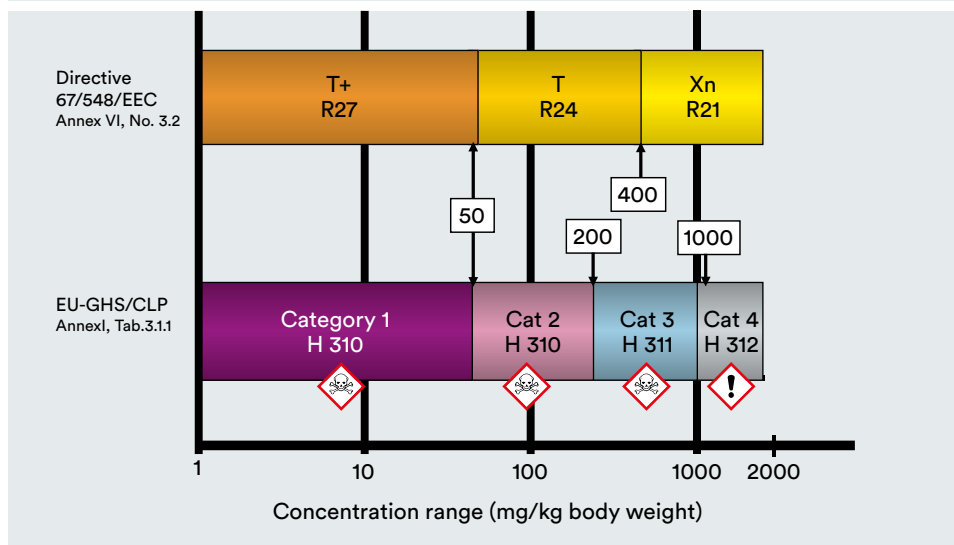
Concentration ranges for Classification:

Acute Toxicity - Oral



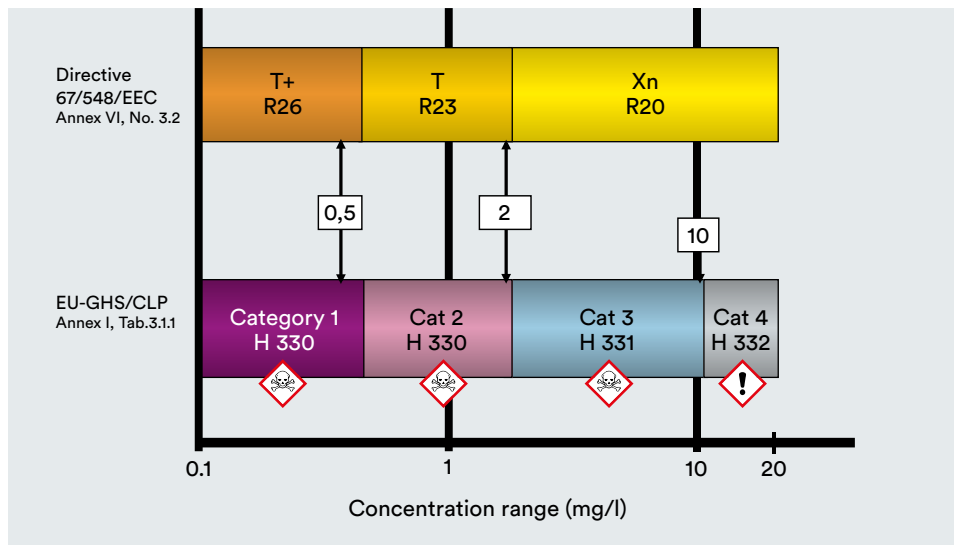
Concentration ranges for Classification:

Acute Toxicity - Dermal



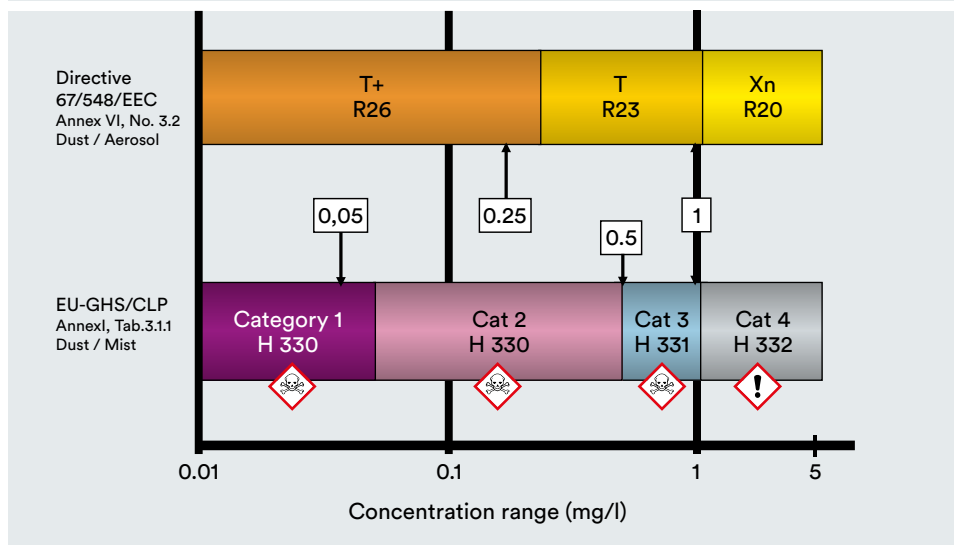
Concentration ranges for Classification:

Acute Toxicity - Inhalation (Vapours)



Concentration ranges for Classification:

Acute Toxicity - Inhalation (Dust / Aerosol bzw. Mist)



Classification and Labelling is a set of criteria and rules used to determine if a chemical can cause harm to human health and the environment and involves the identification and evaluation of the physical properties of a chemical, along with its health and environmental effects and then communicating those hazards via a label.

The CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures entered into force on the 20th January 2009 and applies to all hazardous substances and mixtures placed on the market.

CLP incorporates the United Nations Globally Harmonised System of classification and labelling of chemicals (GHS) within Europe. GHS is updated on a biennial basis and subsequently these updates are included in CLP via an adaptation to technical progress. CLP is direct acting in all European Member States.

The Competent Authorities under the Chemicals Acts 2008 and 2010 in Ireland for the CLP Regulation are the Health and Safety Authority, for industrial chemicals and the Pesticides Registration and Control Division of the Department of Agriculture,

Food and the Marine, for plant protection products and biocides.

The National Poisons Information Centre at Beaumont Hospital is appointed as the body responsible for the receipt of information relating to emergency health response in accordance with Article 45 and Annex VIII of CLP.

Further sources of information, assistance and guidance can be found at the following and via our Chemicals Helpdesk:

HSA Chemicals website:
<http://www.hsa.ie/chemicals>

Chemicals Helpdesk:
chemicals@hsa.ie or
telephone 1890 289 389

Biocides Website:
<https://www.pcs.agriculture.gov.ie/biocides/>

Biocides Helpdesk:
biocides@agriculture.gov.ie

ECHA website:
<https://echa.europa.eu/regulations/clp>

NPIC website:
www.poisons.ie

The content of this poster is aligned up to the 22nd adaptation to technical progress (ATP) to CLP. The poster is subject to change as a result of further ATPs to CLP, please check the HSA and ECHA websites for updates. The HSA wish to acknowledge and thank the German Competent Authority, BAUA who provided the format on which this poster is based.

Health and Safety Authority

Tel: 0818 289 389

www.hsa.ie