



















## Comparison table between the former EU classification system and CLP

Regardless of your intended use, use the chemicals you purchase in accordance with the danger signs and safety warnings on them.



### PHYSICAL HAZARDS

Label Elements Old	Hazard Classes and Categories*	Label Elements New**
EXPLOSIVE  (R2, R3)	Explosives - Unstable explosives - Explosives, division 1.1 to 1.3 Self-reactive substances/mixtures, types A and B Organic peroxides, types A and B	Tehlike  H200 H201, H202, H203 H240, H241 H240, H241
No classification	Explosives, division 1.4	Warning  H204
Ext. Flammable  (R12) (R12) R12	Flammable gases, category 1 Flammable aerosols, category 1 Flammable liquids, category 1	Danger  H220 H222 H224
High Flammable  R11 (R11) (R11)	Flammable liquids, category 2 Flammable solids, category 1 Flammable solids, category 2	Warning  H225 H228 H228
Flammable No symbol (R10) No classification flashpoint 56-60°C	Flammable aerosols, category 2 Flammable liquids, category 3	Warning  H223 H226
High Flammable  R17 R17 (R15) (R15) (R15)	Pyrophoric liquids, category 1 Pyrophoric solids, category 1 Substances/mixtures which in contact with water emit flammable gases, categories 1, 2 and category 3	Danger  H250 H250 H260 H261 H261
Ext. Flammable  R12 R12	Self-reactive substances/mixtures, type B Self-reactive substances/mixtures, types C and D and types E and F Self heating substances/mixtures, category 1 and category 3	Warning  H241 H242 H242 H251 H252
Oxidising  R7 R7	Organic peroxides, type B Organic peroxides, types C and D Organic peroxides, types E and F	Warning  H241 H242 H242
Oxidising  R8 R8, R9 R8, R9	Oxidising gases, category 1 Oxidising liquids, categories 1, 2, category 3 Oxidising solids, categories 1, 2 category 3	Danger Warning  H270 H271, H272 H272 H271, H272 H272
No classification	Gas under pressure - Compressed gas - Liquefied gas - Refrigerated liquefied gas - Dissolved gas	Warning  H280 H280 H281 H280
No classification	Substances/mixtures corrosive to metals, category 1	Warning  H290

### HEALTH HAZARDS

Label Elements Old	Hazard Classes and Categories*	Label Elements New**
Very Toxic  R28 R27 R26	Acute toxicity, categories 1, 2 - Oral - Dermal - Inhalation	Danger  H300 H310 H330
Toxic  R25 R24 R23	Acute toxicity, category 3 - Oral - Dermal - Inhalation	Danger  H301 H311 H331
Toxic  R46 R45, R49 R60, R61 R39 R48	Germ cell mutagenicity, categories 1A, 1B Carcinogenicity, categories 1A, 1B Reproductive toxicity, categories 1A, 1B STOT***, single exposure, category 1 STOT***, repeated exposure, category 1	Danger  H340 H350 H360 H370 H372
 R42 R65	Respiratory sensitisation, category 1 Aspiration hazard, category 1	H334 H304
Harmful  R68 R40 R62, R63 R68 R48	Germ cell mutagenicity, category 2 Carcinogenicity, category 2 Reproductive toxicity, category 2 STOT***, single exposure, category 2 STOT***, repeated exposure, category 2	Warning  H341 H351 H361 H371 H373
 R22 R21 R20	Acute toxicity, category 4 - Oral - Dermal - Inhalation	Warning  H302 H312 H332
Corrosive  R34, R35	Skin corrosion, categories 1A, 1B, 1C	Danger  H314
Irritant  R41	Serious eye damage, category 1	H318
Irritant  R38 R36 R43 R37	Skin irritation, category 2 Eye irritation, category 2 Skin sensitisation, category 1 STOT***, single exposure, category 3 - Respiratory tract irritation	Warning  H315 H319 H317 H335
No symbol R67	- Narcotic effects	H336

### ENVIRONMENTAL HAZARDS

Dangerous for Environment  R50 R50/53	Hazardous to the aquatic environment, acute, Category 1 Hazardous to the aquatic environment, chronic, Category 1	Warning  H400 H410
	Hazardous to the aquatic environment, chronic, category 2	H411
No symbol R52/53 No symbol R53	Hazardous to the aquatic environment, chronic, Category 3/Category 4	No pictogram H412 No pictogram H413

\* Based on Annex I Regulation (EC) No 1272/2008 for all hazard categories with GHS pictograms

\*\* Based on pictograms in Annex V Regulation (EC) No 1272/2008

\*\*\* Specific Target Organ Toxicity