

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: 6065 Putty hardener, red

Creation date: 07.12.2023, Revision: 13.05.2024, Version: 4.0

## Section 1: Identification of the substance/mixture and of the company/undertaking

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### 1.1 Product identifier

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**Product name**

6065 Putty hardener, red

**UFI:**

QM63-SCGS-R00K-773N



<https://my.chemius.net/p/wJVcxt/en/pd/en>

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

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**Relevant identified uses**

Hardener.

**Uses advised against**

No information.

### 1.3 Details of the supplier of the safety data sheet

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**Supplier**

SILCO d.o.o.  
Sentrupert 5a  
3303 Gomilsko, Slovenia  
+386 3 703 3180  
msds@silco.si

### 1.4 Emergency Telephone Number

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**Emergency**

111

**Supplier**

112

## Section 2: Hazards identification

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### 2.1 Classification of the substance or mixture

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**Classification according to Regulation (EC) No 1272/2008 (CLP)**

Org. Perox. C; H242 Heating may cause a fire.

Skin Sens. 1; H317 May cause an allergic skin reaction.

Eye Irrit. 2; H319 Causes serious eye irritation.

Aquatic Chronic 1; H410 Very toxic to aquatic life with long lasting effects.

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## 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]



**Signal word: DANGER**

H242 Heating may cause a fire.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

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

P102 Keep out of reach of children.

P235 Keep cool.

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

P302 IF ON SKIN:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P352 Wash with plenty of soap and water.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with national regulation.

**Contains:**

dibenzoyl peroxide

## 2.3 Other hazards

**PBT/vPvB**

No information.

**Endocrine disrupting properties**

The product does not contain substances with the potential for endocrine disorders.

**Additional information**

No information.

## Section 3: Composition/information on ingredients

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

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Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>diben zoyl perox ide</b>	94-36-0 202-327-6 617-008-00-0	45-52	Org. Perox. B; H241 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/
<b>Dimet hyl phtha late</b>	131-11-3 205-011-6 -	30-35	Org. Perox. B; H241 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/
<b>ethan ediol</b>	107-21-1 203-473-3 603-027-00-1	0,1-9,9	Acute Tox. 4; H302 STOT RE 2; H373	/

## Section 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. If symptoms develop and persist, seek medical attention.

#### Following skin contact

Wash affected skin areas immediately with plenty of water and soap. If symptoms develop and persist, seek medical attention.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

#### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. In case of doubt or if feeling unwell seek medical help. Show the physician the safety data sheet or label.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

#### Following skin contact

Contact with skin may cause irritation (redness, itching).

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## **Following eye contact**

Contact with eyes can cause irritation (redness, tearing, pain).

## **Following ingestion**

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

## **4.3 Indication of any immediate medical attention and special treatment needed**

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Treat symptomatically.

## **Section 5: Firefighting measures**

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### **5.1 Extinguishing media**

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#### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Full water jet.

### **5.2 Special hazards arising from the substance or mixture**

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#### **Hazardous combustion products**

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### **5.3 Advice for firefighters**

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#### **Protective actions**

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training.

#### **Special protective equipment for fire-fighters**

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

#### **Additional information**

No information.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

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### **6.1 Personal precautions, protective equipment and emergency procedures**

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#### **For non-emergency personnel**

##### **Protective equipment**

No information.

##### **Precautionary measures**

Ensure adequate ventilation.

##### **Emergency procedures**

No action shall be taken involving any personal risk or without suitable training. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

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## **For emergency responders**

Use personal protective equipment.

## **6.2 Environmental precautions**

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Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

## **6.3 Methods and material for containment and cleaning up**

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### **For containment**

Stem the spill if this does not pose risks.

### **For cleaning up**

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Ventilate the premises. Clean contaminated area with plenty of water.

### **Other information**

No information.

## **6.4 Reference to other sections**

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See also sections 8 and 13.

# **Section 7: Handling and storage**

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## **7.1 Precautions for safe handling**

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### **Protective measures**

#### **Measures to prevent fire**

Ensure adequate ventilation.

#### **Measures to prevent aerosol and dust generation**

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

#### **Measures to protect the environment**

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

#### **Other measures**

No information.

#### **Advice on general occupational hygiene**

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes.

## **7.2 Conditions for safe storage, including any incompatibilities**

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### **Technical measures and storage conditions**

Keep in a cool, dry and well ventilated place. Keep away from food, drink and animal feeding stuffs.

### **Packaging materials**

No information.

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## Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

## Storage temperature

No information.

## Storage class

No information.

## Further information on storage conditions

No information.

## 7.3 Specific end use(s)

### Recommendations

No information.

### Industrial sector specific solutions

No information.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure limit values

Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
Dibenzoyl peroxide (94-36-0)	5	/	/	/	/	/
Dimethyl phthalate (131-11-3)	5	/	10	/	/	/
Ethane-1,2-diol particulate (107-21-1)	10	/	/	/	Sk	/
Ethane-1,2-diol vapour (107-21-1)	52	20	104	40	Sk	/

#### Information on monitoring procedures

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BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

## **DNEL/DMEL values**

### **For product**

No information.

### **For components**

No information.

## **PNEC values**

### **For product**

No information.

### **For components**

No information.

## **8.2 Exposure controls**

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### **Appropriate engineering control**

#### **Substance/mixture related measures to prevent exposure during identified uses**

Use good personal hygiene practices – wash hands at breaks and when done working with material. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

#### **Structural measures to prevent exposure**

No information.

#### **Organisational measures to prevent exposure**

No information.

#### **Technical measures to prevent exposure**

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

### **Personal protective equipment**

#### **Eye and face protection**

No requirements under normal use conditions. If there is risk of splashing into eyes, wear safety glasses with side shields (BS EN ISO 16321-1:2022).

#### **Hand protection**

No requirements under normal use conditions. In case of prolonged exposure, wear protective gloves (BS EN ISO 374).

### **Appropriate materials**

#### **Skin protection**

No requirements under normal use conditions. With excessive exposure wear protective working clothing (overalls and boots). Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2022).

#### **Respiratory protection**

Not needed under normal use and adequate ventilation.

#### **Thermal hazards**

No information.

### **Environmental exposure controls**

#### **Substance/mixture related measures to prevent exposure**

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No information.

## Instruction measures to prevent exposure

No information.

## Organisational measures to prevent exposure

No information.

## Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Important health, safety and environmental information

Physical state	liquid
Shape	paste
Colour	red
Odour	characteristic
Odour threshold	No information.
Melting/freezing point	0 °C
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Explosion limits (vol%)	No information.
Flash point	not applicable
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	4 – 5 at 20 °C
Viscosity (dynamic)	215000 – 867000 mPas
Viscosity (kinematic)	172000 – 754000 m <sup>2</sup> /s at 20 °C
Solubility	No information.
Partition coefficient n-octanol/water (log value)	No information.
Vapour pressure	No information.
Density	1.15 – 1.25 kg/L
Relative vapour/gas density	No information.
Particle characteristics	No information.

### 9.2 Other information

#### Information with regard to physical hazard classes



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No information.

## **Other safety characteristics**

No information.

## **Section 10: STABILITY AND REACTIVITY**

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### **10.1 Reactivity**

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No information.

### **10.2 Chemical stability**

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Product is stable under normal conditions of use, recommended handling and storage conditions.

### **10.3 Possibility of hazardous reactions**

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No information.

### **10.4 Conditions to avoid**

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No information.

### **10.5 Incompatible materials**

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No information.

### **10.6 Hazardous decomposition products**

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Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## **Section 11: Toxicological information**

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### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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#### **(a) Acute toxicity**

No information.

#### **Additional information**

The product is not classified as acutely toxic.

#### **(b) Skin corrosion/irritation**

No information.

#### **Additional information**

The product is not classified as irritating to skin and eyes.

#### **(c) Serious eye damage/irritation**

No information.

#### **(d) Respiratory or skin sensitisation**

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No information.

## **Additional information**

The product is not classified as sensitising.

## **(e) (Germ cell) mutagenicity**

No information.

## **(f) Carcinogenicity**

No information.

## **(g) Reproductive toxicity**

No information.

## **Summary of evaluation of the CMR properties**

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

## **(h) STOT-single exposure**

No information.

## **Additional information**

STOT SE (single exposure): Not classified.

## **(i) STOT-repeated exposure**

No information.

## **Additional information**

STOT RE (repeated exposure): Not classified.

## **(j) Aspiration hazard**

No information.

## **Additional information**

Aspiration hazard: Not classified.

## **Symptoms related to the physical, chemical and toxicological characteristics**

No information.

## **Interactive effects**

No information.

## **11.2 Information on other hazards**

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### **Endocrine disrupting properties**

The product does not contain substances with the potential for endocrine disorders.

### **Other information**

No information.

## **Section 12: Ecological information**

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### **12.1 Toxicity**

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#### **Acute (short-term) toxicity**

No information.

#### **Chronic (long-term) toxicity**

No information.

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## 12.2 Persistence and degradability

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### Abiotic degradation, physical- and photo-chemical elimination

No information.

### Biodegradation

No information.

## 12.3 Bioaccumulative potential

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### Partition coefficient n-octanol/water (log value)

No information.

### Bioconcentration factor (BCF)

No information.

## 12.4 Mobility in soil

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### Known or predicted distribution to environmental compartments

No information.

### Surface tension

No information.

### Adsorption/Desorption

No information.

## 12.5 Results of PBT and vPvB assessment

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No evaluation.

## 12.6 Endocrine disrupting properties

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The product does not contain substances with the potential for endocrine disorders.

## 12.7 Other adverse effects

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No information.

## 12.8 Additional information

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### For product

Product is not classified as dangerous for environment. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

## Section 13: Disposal considerations

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### 13.1 Waste treatment methods

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#### Product / Packaging disposal

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## Waste chemical

Dispose the product to an authorised collector/remover of waste/company performing waste recovery.

## Waste codes / waste designations according to LoW

No information.

## Packaging

Deliver completely emptied containers to approved waste disposal authorities.

## Waste codes / waste designations according to LoW

No information.

## Waste treatment-relevant information

No information.









## Sewage disposal-relevant information

No information.

## Other disposal recommendations

No information.

## Section 14: Transport information

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number or ID number</b>			
UN 3108	UN 3108	UN 3108	UN 3108
<b>14.2 UN proper shipping name</b>			
ORGANIC PEROXIDE TYPE E, SOLID	ORGANIC PEROXIDE TYPE E, SOLID	ORGANIC PEROXIDE TYPE E, SOLID	ORGANIC PEROXIDE TYPE E, SOLID
<b>14.3 Transport hazard class(es)</b>			
5.2	5.2	5.2	5.2
			
			
<b>14.4 Packing group</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable

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ADR/RID	IMDG	IATA	ADN
<b>14.5 Environmental hazards</b>			
YES	Marine pollutant	YES	YES
<b>14.6 Special precautions for user</b>			
Limited quantities 500 g Special provisions 122, 274 Packing Instructions P520 Transport category 2 Tunnel restriction code (D) Classification code P1	Limited quantities 500 g EmS F-J, S-R Flash point °C	Maximum Net Quantity/Package (Max Net Qty/Pkg) Not Accepted	Limited quantities 500 g
<b>14.7 Maritime transport in bulk according to IMO instruments</b>			
	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

## Section 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

**Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)**  
not applicable

**Ingredients according to Regulation (EC) No 648/2004 on detergents**  
No information.

**Special instructions**  
No information.

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## 15.2 Chemical Safety Assessment

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No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## Section 16: Other information

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### Indication of changes

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

### Key literature references and sources for data

No information.

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW - see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre

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Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

## **List of relevant H phrases**

H241 Heating may cause a fire or explosion.  
H302 Harmful if swallowed.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.