

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Product name

PARKETOLIT 1554B



chemius.net/U7Hb9

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Relevant identified uses

Adhesive for wood flooring - component B

Uses advised against

No information.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier

MITOL, tovarna lepil, d.o.o., Sežana
Address: Partizanska c. 78 Sežana, Slovenia
Phone: +386 5 73 12 300
Fax: +386 5 73 12 390
E-mail: lilijana.kocjan@mitol.si
Point of contact for safety info: Lilijana Kocjan Žorž

1.4. EMERGENCY TELEPHONE NUMBER

Emergency

112

Supplier

+386 5 73 12 300 (8:00-16:00)

SECTION 2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

Acute Tox. 4; H302 Harmful if swallowed.
Skin Corr. 1B; H314 Causes severe skin burns and eye damage.
Skin Sens. 1; H317 May cause an allergic skin reaction.
Eye Dam. 1; H318 Causes serious eye damage.
STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure by ingestion.

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2.2 LABEL ELEMENTS

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



Signal word: **Danger**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H373 May cause damage to organs through prolonged or repeated exposure by ingestion.

P102 Keep out of reach of children.

P260 Do not breathe mist/vapours.

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

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

P310 Immediately call a POISON CENTER/doctor.

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

2.2.2. Contains:

benzyl alcohol (CAS: 100-51-6, EC: 202-859-9, Index: 603-057-00-5)

4,4'-methylenebis(cyclohexylamine) (CAS: 1761-71-3, EC: 217-168-8)

Methyleneoxide, polymer with benzenamine, hydrogenated (CAS: 135108-88-2, EC: 603-894-6)

2,4,6-tris(dimethylaminomethyl)phenol (CAS: 90-72-2, EC: 202-013-9, Index: 603-069-00-0)

2.2.3. Special provisions

Special hazards are not known or expected.

2.3. OTHER HAZARDS

No information.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES

For mixtures see 3.2.

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3.2. MIXTURES

Name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	REACH Registration No.
benzyl alcohol	100-51-6 202-859-9 603-057-00-5	10-30	Acute Tox. 4; H302 Eye Irrit. 2; H319 Acute Tox. 4; H332		01-2119492630-38
4,4'-methylenebis(cyclohexylamine)	1761-71-3 217-168-8 -	>10	Acute Tox. 4; H302 Skin Corr. 1B; H314 Skin Sens. 1; H317 Eye Dam. 1; H318 STOT RE 2; H373		01-2119541673-38
Methyleneoxide, polymer with benzenamine, hydrogenated	135108-88-2 603-894-6 -	5-15	Acute Tox. 4; H302 Skin Corr. 1C; H314 Skin Sens. 1; H317 STOT RE 2; H373 Aquatic Chronic 3; H412		01-2119983522-33
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2 202-013-9 603-069-00-0	5-10	Skin Corr. 1C; H314 Eye Dam. 1; H318		01-2119560597-27

SECTION 4. FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency.

Following inhalation

Remove patient to fresh air - move out of dangerous area. If symptoms develop and persist, seek medical attention. If victim is not breathing give artificial respiration. Seek medical help immediately.

Following skin contact

Immediately remove contaminated clothing. Wash affected skin areas thoroughly with plenty of water and soap. Immediately obtain professional medical help!

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. After 5 minutes of rinsing, remove contact lenses, if present, and continue rinsing. Consult a physician immediately!

Following ingestion

Do not induce vomiting! Rinse mouth with water and drink a glass of water by sips! Immediately consult a doctor. Show the physician the safety data sheet or label.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Inhalation

Symptoms include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness. Negative effects can affect liver, kidney, and central nervous system.

Skin contact

Redness, ulcers, pain.
May cause sensitisation by skin contact (symptoms: itching, redness, rashes).

Eye contact

Contact with eyes can cause severe injuries.
Discomfort or pain, excessive blinking, lacrimation and redness, swelling of the conjunctiva.

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Ingestion

Harmful to health.
May cause nausea/vomiting and diarrhea.
May cause abdominal discomfort.
Causes corrosions in mouth, throat, digestive tract.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

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SECTION 5. FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

Full water jet.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous combustion products

In case of heating harmful vapours/gases can be generated. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO₂). In the event of fire the following is released: nitrogen oxides (NOx).

5.3. ADVICE FOR FIREFIGHTERS

Protective actions

In case of fire do not breathe fumes/gases. Cool containers at risk with water spray. If possible remove containers from endangered area.

Special protective equipment for firefighters

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

Additional information

Contaminated firefighting water must be disposed of in accordance with the regulations; do not allow to reach the sewage system. Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1. For non-emergency personnel

Protective equipment

Use personal protective equipment (Section 8).

Emergency procedures

Ensure adequate ventilation. Prevent access to unprotected personnel. Prevent access to unauthorised personnel. Do not use open fire and keep away all sources of ignition. No action shall be taken involving any personal risk or without suitable training. Do not breathe vapour or mist. Avoid contact with skin and eyes. Avoid contact with spilled product or contaminated surfaces.

6.1.2. For emergency responders

Use personal protective equipment.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

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6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

6.3.1. For containment

Dam the spillage.

6.3.2. For cleaning up

Stop leak if without risk. Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor.

6.3.3. Other information

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6.4. REFERENCE TO OTHER SECTIONS

See also Sections 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

7.1.1. Protective measures

Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation

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Measures to protect the environment

-

7.1.2. 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. Wear suitable protective equipment; see Section 8. Remove contaminated clothes and wash them before reuse. Consider measures required in Section 8 of this safety data sheet. Refer to instructions on label and regulations for safety and health at work.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

7.2.1. Technical measures and storage conditions

Store in accordance with local regulations. Keep in cool and well ventilated area. Keep away from food, drink and animal feeding stuffs. Keep away from oxidizers, strong alkalies and acids. Storage temperature +5°C to 35°C.

7.2.2. Packaging materials

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7.2.3. Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking.

7.2.4. Storage class

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7.2.5. Further information on storage conditions

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7.3. SPECIFIC END USE(S)

Recommendations

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Industrial sector specific solutions

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

8.1.1. Occupational exposure limit values

No information.

8.1.2. Information on monitoring procedures

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 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values.

8.1.3. DNEL/DMEL values

No information.

8.1.4. PNEC values

No information.

8.2. EXPOSURE CONTROLS

8.2.1. 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 eyes and skin. Do not breathe vapours/aerosols. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while working. Keep away from direct sun-light or other heat sources and sources of ignition.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

8.2.2. Personal protective equipment

Eye and face protection

Tight fitting protective goggles (EN 166).

Hand protection

Protective gloves (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately.

Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

Respiratory protection

Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

Thermal hazards

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8.2.3. Environmental exposure controls

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

-	Physical state:	liquid
-	Colour:	brown
-	Odour:	amine like, like ammonia

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Important health, safety and environmental information

-	pH	No information.
-	Melting point/freezing point	No information.
-	Initial boiling point/boiling range	No information.
-	Flash point	No information.
-	Evaporation rate	No information.
-	Flammability (solid, gas)	No information.
-	Explosion limits (vol%)	No information.
-	Vapour pressure	No information.
-	Vapour density	No information.
-	Density	No information.
-	Solubility	No information.
-	Partition coefficient	No information.
-	Auto-ignition temperature	No information.
-	Decomposition temperature	No information.
-	Viscosity	No information.
-	Explosive properties	No information.
-	Oxidising properties	No information.

9.2. OTHER INFORMATION

-	Remarks:	
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SECTION 10. STABILITY AND REACTIVITY

10.1. REACTIVITY

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10.2. CHEMICAL STABILITY

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

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

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10.4. CONDITIONS TO AVOID

No special precautions required. Consider the directions for use and storage. Does not decompose if used and stored as instructed. Avoid heating.

10.5. INCOMPATIBLE MATERIALS

Strong oxidising agents.
Strong acids.
Strong bases.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

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

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

(a) Acute toxicity

Name	Exposure route	Type	Species	Time	Value	Method	Remark
benzyl alcohol (100-51-6)	oral	LD ₅₀	rat		1230 mg/kg		
benzyl alcohol (100-51-6)	inhalation	LC ₅₀	rat	4 h	> 4,178 mg/l	OECD 403	
benzyl alcohol (100-51-6)	dermal	LD ₅₀	rabbit		2000 mg/kg		
4,4'-methylenebis(cyclohexylamine) (1761-71-3)	oral	LD ₅₀	rat		625 mg/kg		
4,4'-methylenebis(cyclohexylamine) (1761-71-3)	dermal	LD ₅₀	rabbit		2110 mg/kg		
Methyleneoxide, polymer with benzenamine, hydrogenated (135108-88-2)	oral	LD ₅₀	rat		367 mg/kg		
Methyleneoxide, polymer with benzenamine, hydrogenated (135108-88-2)	dermal	LD ₅₀	rabbit		> 2000 mg/kg		
2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	oral	LD ₅₀	rat		2169 mg/kg		

Additional information: Harmful if swallowed.

(b) Skin corrosion/irritation

Additional information: Corrosive.

(c) Serious eye damage/irritation

Additional information: Causes serious eye damage.

(d) Respiratory or skin sensitisation

Additional information: May cause an allergic skin reaction.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

No information.

(h) STOT-single exposure

No information.

(i) STOT-repeated exposure

Additional information: May cause damage to organs through prolonged or repeated exposure.

(j) Aspiration hazard

No information.

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SECTION 12. ECOLOGICAL INFORMATION

12.1. TOXICITY

12.1.1. Acute (short-term) toxicity

For components

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method	Remark
benzyl alcohol (100-51-6)	LC ₅₀	460 mg/L	96 h	fish	<i>Pimephales promelas</i>		
	IC ₅₀	700 mg/L	72 h	algae			
4,4'-methylenebis(cyclohexylamine) (1761-71-3)	LC ₅₀	> 100 mg/L	96 h	fish	<i>Leuciscus idus</i>		
	LC0	46 mg/L	96 h	fish	<i>Leuciscus idus</i>		
	EC ₅₀	6,84 mg/L	48 h	crustacea	<i>Daphnia magna</i>		
	EC ₅₀	140 – 200 mg/L	72 h	algae			
Methyleneoxide, polymer with benzenamine, hydrogenated (135108-88-2)	LC ₅₀	63 mg/L	96 h	fish	<i>Poecilia reticulata</i>		
	EC ₅₀	15,4 mg/L	48 h	crustacea	<i>Daphnia magna</i>		
	ErC ₅₀	43,9 mg/L	72 h	algae			
	EC ₅₀	187 mg/L	3 h	bacteria	Activated sludge		
2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	LC ₅₀	222 mg/L	24 h	fish	<i>Oncorhynchus mykiss</i>		
	LC100	240 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>		
	LC0	180 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>		
	EC ₅₀	718 mg/L	96 h	crustacea	<i>Palaemonetes</i>		
	EC100	1000 mg/L	96 h	crustacea	Neopanope		
	EC0	750 mg/L	96 h	crustacea	Neopanope		
	EC ₅₀	84 mg/L	72 h	algae	<i>Scenedesmus subspicatus</i>		
	NOEC	6,25 mg/L		algae			

12.1.2. Chronic (long-term) toxicity

No information.

12.2. PERSISTENCE AND DEGRADABILITY

12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information.

12.2.2. Biodegradation

No information.

12.3. BIOACCUMULATIVE POTENTIAL

12.3.1. Partition coefficient

No information.

12.3.2. Bioconcentration factor (BCF)

No information.

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12.4. MOBILITY IN SOIL

12.4.1. Known or predicted distribution to environmental compartments

No information.

12.4.2. Surface tension

No information.

12.4.3. Adsorption/Desorption

No information.

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

No evaluation.

12.6. OTHER ADVERSE EFFECTS

No information.

12.7. ADDITIONAL INFORMATION

For product

Do not allow to reach ground water, water courses or sewage system.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

13.1.1. Product / Packaging disposal

Waste chemical

Add appropriate amount B component to component A and mix well. The reaction is exothermic. Leave at least 1 day - mixture should become hard. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Packaging

Deliver completely emptied containers to approved waste disposal authorities.

13.1.2. Waste treatment-relevant information

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13.1.3. Sewage disposal-relevant information

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13.1.4. Other disposal recommendations

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SECTION 14. TRANSPORT INFORMATION

14.1. UN NUMBER

UN 2735

14.2. UN PROPER SHIPPING NAME

AMINES, LIQUID, CORROSIVE, N.O.S. (Methyleneoxide, polymer with benzenamine, hydrogenated, 4,4'-methylenebis(cyclohexylamine))

14.3. TRANSPORT HAZARD CLASS(ES)

8

14.4. PACKING GROUP

III



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14.5. ENVIRONMENTAL HAZARDS

NO.

14.6. SPECIAL PRECAUTIONS FOR USER

Limited quantities

5 L

Tunnel restriction code

(E)

IMDG EmS

F-A, S-B

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE

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) 2015/830)

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

15.1.1. Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

Not applicable.

15.1.2. Special instructions

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

15.2. CHEMICAL SAFETY ASSESSMENT

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

SECTION 16. OTHER INFORMATION

Indication of changes

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Abbreviations and acronyms

ATE - Acute Toxicity Estimate

ADR - European 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

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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
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

Key literature references and sources for data

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List of relevant H phrases

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H373 May cause damage to organs through prolonged or repeated exposure .
- H412 Harmful to aquatic life with long lasting effects.

The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under Section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.