# Safety Data Sheet according to Regulation (EC) No 1907/2006



SDS No. : 390896
V003.0

LOCTITE CAT 23 LV

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Replaces version from: 30.06.2014

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

**1.1. Product identifier**
LOCTITE CAT 23 LV

**Contains:**
3,3'-Oxybis(ethyleneoxy)bis(propylamine)
Polyoxypropylene diamine

**1.2. Relevant identified uses of the substance or mixture and uses advised against**
Intended use:
Adhesive

**1.3. Details of the supplier of the safety data sheet**
Henkel Belgium N.V.
Esplanade 1
1020 Brussels

Belgium

Phone: +32 (2) 421 2711
Fax-no.: +32 (2) 420 7025

ua-productsafety.uk@uk.henkel.com

**1.4. Emergency telephone number**
24 Hours Emergency Tel: +44 (0)1442 278497

## SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

**Classification (CLP):**

| | |
|---|---|
| Skin corrosion | Category 1B |
| H314 Causes severe skin burns and eye damage. | |
| Skin sensitizer | Category 1 |
| H317 May cause an allergic skin reaction. | |
| Chronic hazards to the aquatic environment | Category 3 |
| H412 Harmful to aquatic life with long lasting effects. | |

**2.2. Label elements**

**Label elements (CLP):**

**Hazard pictogram:**

| | |
|---|---|
| **Signal word:** | Danger |
| **Hazard statement:** | H314 Causes severe skin burns and eye damage.<br>H317 May cause an allergic skin reaction.<br>H412 Harmful to aquatic life with long lasting effects. |
| **Precautionary statement: Prevention** | P273 Avoid release to the environment.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection. |
| **Precautionary statement: Response** | P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTER or doctor.<br>P333+P313 If skin irritation or rash occurs: Get medical advice/attention. |

**2.3. Other hazards**
None if used properly.
Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

**General chemical description:**
Hardener
**Base substances of preparation:**
organic amine

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No. | EC Number<br>REACH-Reg No. | content | Classification |
|---|---|---|---|
| Polyoxypropylene diamine<br>9046-10-0 | 01-2119557899-12 | 50- 100 % | Skin Corr. 1C<br>H314<br>Aquatic Chronic 3<br>H412 |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine)<br>4246-51-9 | 224-207-2<br>01-2119963377-26 | 25- 50 % | Skin Corr. 1B<br>H314<br>Skin Sens. 1<br>H317 |

**For full text of the H - statements and other abbreviations see section 16 "Other information".**
**Substances without classification may have community workplace exposure limits available.**

## SECTION 4: First aid measures

**4.1. Description of first aid measures**

Inhalation:
Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air.

Skin contact:
Rinse with running water and soap.
Obtain medical attention if irritation persists.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

**4.2. Most important symptoms and effects, both acute and delayed**
Causes burns.

SKIN: Rash, Urticaria.

**4.3. Indication of any immediate medical attention and special treatment needed**
See section: Description of first aid measures

## SECTION 5: Firefighting measures

**5.1. Extinguishing media**
**Suitable extinguishing media:**
water, carbon dioxide, foam, powder

**Extinguishing media which must not be used for safety reasons:**
High pressure waterjet

**5.2. Special hazards arising from the substance or mixture**
In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) can be released.

**5.3. Advice for firefighters**
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Additional information:**
In case of fire, keep containers cool with water spray.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**
Avoid contact with skin and eyes.
Wear protective equipment.

**6.2. Environmental precautions**
Do not empty into drains / surface water / ground water.

**6.3. Methods and material for containment and cleaning up**
For small spills wipe up with paper towel and place in container for disposal.
For large spills absorb onto inert absorbent material and place in sealed container for disposal.

**6.4. Reference to other sections**
See advice in section 8

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**
Avoid skin and eye contact.
See advice in section 8

Hygiene measures:
Good industrial hygiene practices should be observed.
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.

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

Ensure good ventilation/extraction.

Keep container tightly sealed.
Refer to Technical Data Sheet

**7.3. Specific end use(s)**
Adhesive

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational Exposure Limits**

Valid for
Great Britain

None

**Occupational Exposure Limits**

Valid for
Ireland

None

**Predicted No-Effect Concentration (PNEC):**

| Name on list | Environmental Compartment | Exposure period | Value | | | | Remarks |
|---|---|---|---|---|---|---|---|
| | | | mg/l | ppm | mg/kg | others | |
| Polypropylene glycol diamine 9046-10-0 | aqua (freshwater) | | | | | 0,015 mg/L | |
| Polypropylene glycol diamine 9046-10-0 | aqua (marine water) | | | | | 0,0143 mg/L | |
| Polypropylene glycol diamine 9046-10-0 | aqua (intermittent releases) | | | | | 0,15 mg/L | |
| Polypropylene glycol diamine 9046-10-0 | sewage treatment plant (STP) | | | | | 7,5 mg/L | |
| Polypropylene glycol diamine 9046-10-0 | sediment (freshwater) | | | | 0,132 mg/kg | | |
| Polypropylene glycol diamine 9046-10-0 | sediment (marine water) | | | | 0,125 mg/kg | | |
| Polypropylene glycol diamine 9046-10-0 | oral | | | | 6,93 mg/kg | | |
| Polypropylene glycol diamine 9046-10-0 | soil | | | | 0,0176 mg/kg | | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | aqua (freshwater) | | | | | 0,22 mg/L | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | aqua (marine water) | | | | | 0,022 mg/L | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | aqua (intermittent releases) | | | | | 2,2 mg/L | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | sewage treatment plant (STP) | | | | | 125 mg/L | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | sediment (freshwater) | | | | 1,1 mg/kg | | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | sediment (marine water) | | | | 0,11 mg/kg | | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | soil | | | | 0,091 mg/kg | | |

**Derived No-Effect Level (DNEL):**

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|---|---|---|---|---|---|---|
| Polypropylene glycol diamine 9046-10-0 | Workers | dermal | Long term exposure - systemic effects | | 2,5 mg/kg bw/day | |
| Polypropylene glycol diamine 9046-10-0 | Workers | dermal | Long term exposure - local effects | | 0,623 mg/cm2 | |
| Polypropylene glycol diamine 9046-10-0 | General population | dermal | Long term exposure - systemic effects | | 1,25 mg/kg bw/day | |
| Polypropylene glycol diamine 9046-10-0 | General population | oral | Long term exposure - systemic effects | | 0,04 mg/kg bw/day | |
| Polypropylene glycol diamine 9046-10-0 | General population | dermal | Long term exposure - local effects | | 0,311 mg/cm2 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | Workers | inhalation | Long term exposure - systemic effects | | 59 mg/m3 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | Workers | inhalation | Acute/short term exposure - systemic effects | | 176 mg/m3 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | Workers | inhalation | Long term exposure - local effects | | 13 mg/m3 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | Workers | dermal | Long term exposure - systemic effects | | 8,3 mg/kg bw/day | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | General population | inhalation | Long term exposure - systemic effects | | 17 mg/m3 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | General population | inhalation | Acute/short term exposure - systemic effects | | 52 mg/m3 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | General population | inhalation | Long term exposure - local effects | | 0,5 mg/m3 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | General population | inhalation | Acute/short term exposure - local effects | | 6,5 mg/m3 | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | General population | dermal | Long term exposure - systemic effects | | 5 mg/kg bw/day | |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | General population | oral | Long term exposure - systemic effects | | 5 mg/kg bw/day | |

**Biological Exposure Indices:**
None

**8.2. Exposure controls:**

Engineering controls:
Ensure good ventilation/extraction.

Respiratory protection:
Ensure adequate ventilation.
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area
Filter type: A (EN 14387)

Hand protection:
Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:
Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Protective eye equipment should conform to EN166.

Skin protection:
Wear suitable protective clothing.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

| | |
|---|---|
| Appearance | liquid<br>Liquid<br>Amber |
| Odor | Amine |
| Odour threshold | No data available / Not applicable |
| pH | No data available / Not applicable |
| Initial boiling point | > 160 °C (> 320 °F) |
| Flash point | > 93 °C (> 199.4 °F); Pensky Martens closed cup |
| Decomposition temperature | No data available / Not applicable |
| Vapour pressure<br>(25 °C (77 °F)) | < 0,01 mbar |
| Density | No data available / Not applicable |
| Bulk density | No data available / Not applicable |
| Viscosity | No data available / Not applicable |
| Viscosity (kinematic) | No data available / Not applicable |
| Explosive properties | No data available / Not applicable |
| Solubility (qualitative)<br>(Solvent: Water) | Soluble |
| Solidification temperature | No data available / Not applicable |
| Melting point | No data available / Not applicable |
| Flammability | No data available / Not applicable |
| Auto-ignition temperature | No data available / Not applicable |
| Explosive limits | No data available / Not applicable |
| Partition coefficient: n-octanol/water | No data available / Not applicable |
| Evaporation rate | No data available / Not applicable |
| Vapor density | No data available / Not applicable |
| Oxidising properties | No data available / Not applicable |

**9.2. Other information**

No data available / Not applicable

## SECTION 10: Stability and reactivity

**10.1. Reactivity**
Oxidizers.
Acids.

**10.2. Chemical stability**
Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**
See section reactivity

**10.4. Conditions to avoid**
No decomposition if stored and applied as directed.

**10.5. Incompatible materials**
None if used properly.

**10.6. Hazardous decomposition products**
Hydrocarbons
carbon oxides.
nitrogen oxides

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**General toxicological information:**
The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation (EC) No 1272/2008. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**Oral toxicity:**
May cause irritation to the digestive tract.

**Skin irritation:**
Causes severe skin burns and eye damage.

**Eye irritation:**
Avoid eye contact.
Corrosive

**Sensitizing:**
May cause an allergic skin reaction.

**Acute oral toxicity:**

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Polyoxypropylene diamine 9046-10-0 | LD50 | 2.885,3 mg/kg | oral | | rat | not specified |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | LD50 | 3.160 mg/kg | oral | | rat | OECD Guideline 401 (Acute Oral Toxicity) |

**Acute inhalative toxicity:**

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|

**Acute dermal toxicity:**

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Polyoxypropylene diamine 9046-10-0 | LD50 | 2.979,7 mg/kg | dermal | | rabbit | not specified |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | Acute toxicity estimate (ATE) | 2.500 mg/kg | dermal | | | Expert judgement |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | LD50 | > 2.150 mg/kg | | | rat | OECD Guideline 402 (Acute Dermal Toxicity) |

**Skin corrosion/irritation:**

| Hazardous components CAS-No. | Result | Exposure time | Species | Method |
|---|---|---|---|---|
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | corrosive | | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

**Germ cell mutagenicity:**

| Hazardous components CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|---|---|---|---|---|---|
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | negative | in vitro mammalian cell micronucleus test | with and without | | OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test) |
| | negative | mammalian cell gene mutation assay | with and without | | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |

**Reproductive toxicity:**

| Hazardous substances CAS-No. | Result / Classification | Species | Exposure time | Species | Method |
|---|---|---|---|---|---|
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | NOAEL P = 600 mg/kg | screening oral: gavage | | rat | OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422) |

**Repeated dose toxicity**

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Method |
|---|---|---|---|---|---|
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | NOAEL=< 100 mg/kg | oral: gavage | 59 daysdaily | rat | OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

## SECTION 12: Ecological information

**General ecological information:**
The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation (EC) No 1272/2008. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**12.1. Toxicity**

**Ecotoxicity:**
Do not empty into drains / surface water / ground water.
Harmful to aquatic life with long lasting effects.

| Hazardous components CAS-No. | Value type | Value | Acute Toxicity Study | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Polyoxypropylene diamine 9046-10-0 | LC50 | 772,14 mg/l | Fish | 96 h | Cyprinodon variegatus | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Polyoxypropylene diamine 9046-10-0 | EC50 | 80 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Polyoxypropylene diamine 9046-10-0 | EC10 | 1,4 mg/l | Algae | 72 h | Pseudokirchnerella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| | EC50 | 15 mg/l | Algae | 72 h | Pseudokirchnerella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | LC50 | > 215 - 464 mg/l | Fish | 96 h | Leuciscus idus | DIN 38412-15 |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | EC50 | 218 mg/l | Daphnia | 48 h | Daphnia magna | EU Method C.2 (Acute Toxicity for Daphnia) |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | EC50 | 666 mg/l | Algae | 72 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | DIN 38412-09 |
| | NOEC | 15,6 mg/l | Algae | 72 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | DIN 38412-09 |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | EC10 | 152,5 mg/l | Bacteria | 17 h | Pseudomonas putida | DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test) |

**12.2. Persistence and degradability**

**Persistence and Biodegradability:**
The product is not biodegradable.

| Hazardous components CAS-No. | Result | Route of application | Degradability | Method |
|---|---|---|---|---|
| Polyoxypropylene diamine 9046-10-0 | | aerobic | 0 % | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | not inherently biodegradable | aerobic | < 20 % | OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test) |
| | Not readily biodegradable. | aerobic | 0 % | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |

**12.3. Bioaccumulative potential / 12.4. Mobility in soil**

**Mobility:**
No data available for the product.

**Bioaccumulative potential:**
No data available.

| Hazardous components CAS-No. | LogPow | Bioconcentration factor (BCF) | Exposure time | Species | Temperature | Method |
|---|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | -1,25 | | | | 25 °C | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |

**12.5. Results of PBT and vPvB assessment**

| **Hazardous components CAS-No.** | **PBT/vPvB** |
|---|---|
| Polyoxypropylene diamine 9046-10-0 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| 3,3'-Oxybis(ethyleneoxy)bis(propylamine) 4246-51-9 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

**12.6. Other adverse effects**

No data available.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

Product disposal:
Do not empty into drains / surface water / ground water.
Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:
After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances
The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

## SECTION 14: Transport information

**14.1. UN number**

| | |
|---|---|
| ADR | 2735 |
| RID | 2735 |
| ADN | 2735 |
| IMDG | 2735 |
| IATA | 2735 |

**14.2. UN proper shipping name**

| | |
|---|---|
| ADR | POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxy propylene diamine,3,3'-oxybis(ethyleneoxy)bis(propylamine)) |
| RID | POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxy propylene diamine,3,3'-oxybis(ethyleneoxy)bis(propylamine)) |
| ADN | POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxy propylene diamine,3,3'-oxybis(ethyleneoxy)bis(propylamine)) |
| IMDG | POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxy propylene diamine,3,3'-oxybis(ethyleneoxy)bis(propylamine)) |
| IATA | Polyamines, liquid, corrosive, n.o.s. (Polyoxy propylene diamine,3,3'-oxybis(ethyleneoxy)bis(propylamine)) |

**14.3. Transport hazard class(es)**

| | |
|---|---|
| ADR | 8 |
| RID | 8 |
| ADN | 8 |
| IMDG | 8 |
| IATA | 8 |

**14.4. Packing group**

| | |
|---|---|
| ADR | II |
| RID | II |
| ADN | II |
| IMDG | II |
| IATA | II |

**14.5. Environmental hazards**

| | |
|---|---|
| ADR | not applicable |
| RID | not applicable |
| ADN | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

**14.6. Special precautions for user**

| | |
|---|---|
| ADR | not applicable<br>Tunnelcode: (E) |
| RID | not applicable |
| ADN | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

## SECTION 15: Regulatory information

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

VOC content < 3 %

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

## SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

**Further information:**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**