# Safety Data Sheet according to Regulation (EC) No1907/2006



SDS No. : 173280
V005.0

LOCTITE 7386 ACT 500 ML C10 NZB000100

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

**1.1. Product identifier**
LOCTITE 7386 ACT 500 ML C10 NZB000100

**Contains:**
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
Diethyl-phenyl-propyl-dihydropyridine

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

**1.3. Details of the supplier of the safety data sheet**
Henkel Ltd
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 1442 278000
Fax-no.: +44 1442 278071

## SECTION 2: Hazards identification

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

**Classification (CLP):**

| | |
|---|---|
| Flammable liquids | Category 2 |
| H225 Highly flammable liquid and vapor. | |
| Acute toxicity | Category 4 |
| H302 Harmful if swallowed. | |
| Route of Exposure: Oral | |
| Skin irritation | Category 2 |
| H315 Causes skin irritation. | |
| Serious eye irritation | Category 2 |
| H319 Causes serious eye irritation. | |
| Specific target organ toxicity - single exposure | Category 3 |
| H336 May cause drowsiness or dizziness. | |
| Target organ: Central Nervous System | |
| Aspiration hazard | Category 1 |
| H304 May be fatal if swallowed and enters airways. | |
| Chronic hazards to the aquatic environment | Category 2 |
| H411 Toxic to aquatic life with long lasting effects. | |

**Classification (DPD):**

F - Highly flammable
R11 Highly flammable.
Xn - Harmful
R65 Harmful: may cause lung damage if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
N - Dangerous for the
environment
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Xi - Irritant
R36/38 Irritating to eyes and skin.
R67 Vapours may cause drowsiness and dizziness.

**2.2. Label elements**

**Label elements (CLP):**

| | |
|---|---|
| **Hazard pictogram:** |  |
| **Signal word:** | Danger |
| **Hazard statement:** | H225 Highly flammable liquid and vapor.<br>H302 Harmful if swallowed.<br>H304 May be fatal if swallowed and enters airways.<br>H319 Causes serious eye irritation.<br>H315 Causes skin irritation.<br>H336 May cause drowsiness or dizziness.<br>H411 Toxic to aquatic life with long lasting effects. |
| **Precautionary statement:** | ***For consumer use only: P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P501 Dispose of waste and residues in accordance with local authority requirements*** |
| **Precautionary statement: Prevention** | P210 Keep away from heat/open flames/hot surfaces. - No smoking.<br>P261 Avoid breathing vapours.<br>P273 Avoid release to the environment. |
| **Precautionary statement: Response** | P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.<br>P331 Do NOT induce vomiting.<br>P302+P352 IF ON SKIN: Wash with plenty of soap and water.<br>P337+P313 If eye irritation persists: Get medical advice/attention. |

**Label elements (DPD):**

| F - Highly flammable | Xn - Harmful | N - Dangerous for the environment |
|---|---|---|

Risk phrases:

R11 Highly flammable.
R21/22 Harmful in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of water and soap.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Additional labeling:

For consumer use only: S2 Keep out of the reach of children.
S46 If swallowed, seek medical advice immediately and show this container or label.

Contains:

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics,
Diethyl-phenyl-propyl-dihydropyridine

**2.3. Other hazards**

None if used properly.

## SECTION 3: Composition/information on ingredients

**General chemical description:**

Solvent based activator.

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

| Hazardous components<br>CAS-No. | EC Number<br>REACH-Reg No. | content | Classification |
|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | 300-230-4<br>01-2119475515-33 | 50- < 75 % | Aspiration hazard 1<br>H304<br>Skin irritation 2<br>H315<br>Flammable liquids 2<br>H225<br>Specific target organ toxicity - single exposure 3; Inhalation<br>H336<br>Chronic hazards to the aquatic environment 2<br>H411 |
| Diethyl-phenyl-propyl-dihydropyridine<br>34562-31-7 | 252-091-3 | 25- < 50 % | Acute toxicity 4; Oral<br>H302<br>Acute toxicity 4; Dermal<br>H312<br>Skin irritation 2; Dermal<br>H315<br>Serious eye irritation 2<br>H319<br>Chronic hazards to the aquatic environment 4<br>H413 |
| Propan-2-ol<br>67-63-0 | 200-661-7<br>01-2119457558-25 | 10- < 20 % | Flammable liquids 2<br>H225<br>Serious eye irritation 2<br>H319<br>Specific target organ toxicity - single exposure 3<br>H336 |

**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.**

**Declaration of ingredients according to DPD (EC) No 1999/45:**

| Hazardous components<br>CAS-No. | EC Number<br>REACH-Reg No. | content | Classification |
|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | 300-230-4<br>01-2119475515-33 | 50 - < 75 % | Xn - Harmful; R65<br>Xi - Irritant; R38<br>F - Highly flammable; R11<br>R67<br>N - Dangerous for the environment; R51/53 |
| Diethyl-phenyl-propyl-dihydropyridine<br>34562-31-7 | 252-091-3 | 25 - < 50 % | Xn - Harmful; R21/22<br>Xi - Irritant; R36/38<br>R53 |
| Propan-2-ol<br>67-63-0 | 200-661-7<br>01-2119457558-25 | 10 - < 20 % | F - Highly flammable; R11<br>Xi - Irritant; R36<br>R67 |

**For full text of the R-Phrases indicated by codes 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:
Move to fresh air.
Seek medical advice.

Skin contact:
Rinse with running water and soap.
Seek medical advice.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

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**
ASPIRATION: Coughing, shortness of breath, nausea. Delayed effect: bronchopneumonia or pulmonary oedema

EYE: Irritation, conjunctivitis.

SKIN: Redness, inflammation.

INGESTION: Nausea, vomiting, diarrhoea, abdominal pain.

Vapors may cause drowsiness and dizziness.

**4.3. Indication of any immediate medical attention and special treatment needed**
Swallowing may cause irritation of mouth, throat and digestive tract, diarrhoea and vomiting
Do not induce vomiting.
Seek medical attention from a specialist.

## SECTION 5: Firefighting measures

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

**Extinguishing media which must not be used for safety reasons:**
Water

**5.2. Special hazards arising from the substance or mixture**
Vapours may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Oxides of carbon, oxides of nitrogen, irritating organic vapors.

**5.3. Advice for firefighters**
Wear self-contained breathing apparatus.

**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**
Remove sources of ignition.
Ensure adequate ventilation.

**6.2. Environmental precautions**
Do not let product enter drains.

**6.3. Methods and material for containment and cleaning up**
Wipe up using absorbent material.
Store in a partly filled, closed container until disposal.
Dispose of contaminated material as waste according to Section 13.

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

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**
Keep away from sources of ignition - no smoking.
Vapours should be extracted to avoid inhalation.
Use only in well-ventilated areas.

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

**7.2. Conditions for safe storage, including any incompatibilities**
Store in a cool, dry place.
Do not store near sources of heat or ignition, or reactive materials.

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

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Occupational Exposure Limits**

Valid for
Great Britain

| Ingredient | ppm | mg/m³ | Type | Category | Remarks |
|---|---|---|---|---|---|
| PROPAN-2-OL<br>67-63-0 | 500 | 1.250 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| PROPAN-2-OL<br>67-63-0 | 400 | 999 | Time Weighted Average (TWA): | | EH40 WEL |

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

| Name on list | Environmental Compartment | Exposure period | Value | | | | Remarks |
|---|---|---|---|---|---|---|---|
| | | | mg/l | ppm | mg/kg | others | |
| Propan-2-ol<br>67-63-0 | aqua (freshwater) | | | | | 140,9 mg/L | |
| Propan-2-ol<br>67-63-0 | aqua (marine water) | | | | | 140,9 mg/L | |
| Propan-2-ol<br>67-63-0 | sediment (freshwater) | | | | 552 mg/kg | | |
| Propan-2-ol<br>67-63-0 | sediment (marine water) | | | | 552 mg/kg | | |
| Propan-2-ol<br>67-63-0 | soil | | | | 28 mg/kg | | |
| Propan-2-ol<br>67-63-0 | aqua (intermittent releases) | | | | | 140,9 mg/L | |
| Propan-2-ol<br>67-63-0 | STP | | | | | 2251 mg/L | |
| Propan-2-ol<br>67-63-0 | oral | | | | | 160 mg/kg food | |

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

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|---|---|---|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | worker | Dermal | Long term exposure - systemic effects | | 300 mg/kg bw/day | |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | worker | inhalation | Long term exposure - systemic effects | | 2085 mg/m3 | |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | general population | Dermal | Long term exposure - systemic effects | | 149 mg/kg bw/day | |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | general population | oral | Long term exposure - systemic effects | | 149 mg/kg bw/day | |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | general population | inhalation | Long term exposure - systemic effects | | 477 mg/m3 | |
| Propan-2-ol<br>67-63-0 | worker | Dermal | Long term exposure - systemic effects | | 888 mg/kg bw/day | |
| Propan-2-ol<br>67-63-0 | worker | inhalation | Long term exposure - systemic effects | | 500 mg/m3 | |
| Propan-2-ol<br>67-63-0 | general population | Dermal | Long term exposure - systemic effects | | 319 mg/kg bw/day | |
| Propan-2-ol<br>67-63-0 | general population | inhalation | Long term exposure - systemic effects | | 89 mg/m3 | |
| Propan-2-ol<br>67-63-0 | general population | oral | Long term exposure - systemic effects | | 26 mg/kg bw/day | |

**Biological Exposure Indices:**
None

**8.2. Exposure controls:**

Respiratory protection:
Do not inhale vapors and fumes.
Use only in well-ventilated areas.
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

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:
Wear protective glasses.

Skin protection:
Suitable protective clothing

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| Appearance | liquid<br>clear<br>yellow, Amber,<br>greenish |
| Odor | Aliphatic |
| Odour threshold | No data available / Not applicable |
| pH | not applicable |
| Initial boiling point | 82 °C (179.6 °F) |
| Flash point | < 0 °C (< 32 °F) |
| Decomposition temperature | No data available / Not applicable |
| Vapour pressure<br>(20 °C (68 °F)) | 35 mm hg |
| Density<br>() | 0,8 g/cm3 |
| 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) | Insoluble |
| 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 | Heavier than air |
| Oxidising properties | No data available / Not applicable |

**9.2. Other information**

No data available / Not applicable

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

Strong oxidizing agents.

**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 used according to specifications.
Heat, flames, sparks and other sources of ignition.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

None if used for intended purpose.

## 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 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**Oral toxicity:**

Harmful if swallowed.
May be fatal if swallowed and enters airways.

**Inhalative toxicity:**

May cause headache and dizziness.

**Skin irritation:**

Causes skin irritation.
Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.

**Eye irritation:**

Causes serious eye irritation.

**Acute oral toxicity:**

| Hazardous components<br>CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | LD50 | | oral | | rat | OECD Guideline 401 (Acute Oral Toxicity) |
| Propan-2-ol<br>67-63-0 | LD50 | 5.338 mg/kg | oral | | rat | |

**Acute inhalative toxicity:**

| Hazardous components<br>CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | LC50 | > 23,3 mg/l | inhalation | | rat | OECD Guideline 403 (Acute Inhalation Toxicity) |
| Propan-2-ol<br>67-63-0 | LC50 | 72,6 mg/l | inhalation | 4 h | rat | |

**Acute dermal toxicity:**

| Hazardous components<br>CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | LD50 | > 2.920 mg/kg | dermal | | rat | OECD Guideline 402 (Acute Dermal Toxicity) |
| Propan-2-ol<br>67-63-0 | LD50 | 12.870 mg/kg | dermal | | rabbit | |

**Skin corrosion/irritation:**

| Hazardous components<br>CAS-No. | Result | Exposure time | Species | Method |
|---|---|---|---|---|
| Diethyl-phenyl-propyl-dihydropyridine<br>34562-31-7 | irritating | | | |
| Propan-2-ol<br>67-63-0 | slightly irritating | 4 h | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

**Serious eye damage/irritation:**

| Hazardous components<br>CAS-No. | Result | Exposure time | Species | Method |
|---|---|---|---|---|
| Diethyl-phenyl-propyl-dihydropyridine<br>34562-31-7 | irritating | | | |
| Propan-2-ol<br>67-63-0 | moderately irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

| Hazardous components<br>CAS-No. | Result | Test type | Species | Method |
|---|---|---|---|---|
| Propan-2-ol<br>67-63-0 | not sensitising | Buehler test | guinea pig | |

**Germ cell mutagenicity:**

| Hazardous components<br>CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|---|---|---|---|---|---|
| Propan-2-ol<br>67-63-0 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | |

**Repeated dose toxicity**

| Hazardous components<br>CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Method |
|---|---|---|---|---|---|
| Propan-2-ol<br>67-63-0 | NOAEL=1500 | inhalation | 13 weeks 6 hours/day, 5 days/week | mouse | |

## 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 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**12.1. Toxicity**

**Ecotoxicity:**

Toxic to aquatic life with long lasting effects.
Do not empty into drains / surface water / ground water.

| Hazardous components CAS-No. | Value type | Value | Acute Toxicity Study | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 93924-37-9 | EC50 | 3 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 93924-37-9 | NOEC | 0,17 mg/l | chronic Daphnia | 21 d | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |
| Propan-2-ol 67-63-0 | LC50 | 9.640 mg/l | Fish | 96 h | Pimephales promelas | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Propan-2-ol 67-63-0 | EC50 | 13.299 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Propan-2-ol 67-63-0 | EC50 | > 1.000 mg/l | Algae | 96 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| | NOEC | 1.000 mg/l | Algae | 96 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Propan-2-ol 67-63-0 | NOEC | 30 mg/l | chronic Daphnia | 21 d | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |

**12.2. Persistence and degradability**

**Persistence and Biodegradability:**
No data available.

| Hazardous components CAS-No. | Result | Route of application | Degradability | Method |
|---|---|---|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 93924-37-9 | readily biodegradable | aerobic | 98 % | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |
| Propan-2-ol 67-63-0 | readily biodegradable | aerobic | 70 - 84 % | EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test) |

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

**Mobility:**
The product evaporates readily.

**Bioaccumulative potential:**
No data available.

| Hazardous components CAS-No. | LogKow | Bioconcentration factor (BCF) | Exposure time | Species | Temperature | Method |
|---|---|---|---|---|---|---|
| Propan-2-ol 67-63-0 | 0,05 | | | | | 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 |
|---|---|

| | |
|---|---|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics<br>93924-37-9 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Propan-2-ol<br>67-63-0 | 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:

Dispose of according to 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.
Disposal must be made according to official regulations.

Waste code

14 06 03 - other solvents and solvent mixtures

## SECTION 14: Transport information

**14.1. UN number**

| | |
|---|---|
| ADR | 1993 |
| RID | 1993 |
| ADNR | 1993 |
| IMDG | 1993 |
| IATA | 1993 |

**14.2. UN proper shipping name**

| | |
|---|---|
| ADR | FLAMMABLE LIQUID, N.O.S. (Heptanes,Isopropanol) |
| RID | FLAMMABLE LIQUID, N.O.S. (Heptanes,Isopropanol) |
| ADNR | FLAMMABLE LIQUID, N.O.S. (Heptanes,Isopropanol) |
| IMDG | FLAMMABLE LIQUID, N.O.S. (Heptanes,Isopropanol) |
| IATA | Flammable liquid, n.o.s. (Heptanes,Isopropanol) |

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

| | |
|---|---|
| ADR | 3 |
| RID | 3 |
| ADNR | 3 |
| IMDG | 3 |
| IATA | 3 |

**14.4. Packaging group**

| | |
|---|---|
| ADR | II |
| RID | II |
| ADNR | II |
| IMDG | II |
| IATA | II |

**14.5. Environmental hazards**

| | |
|---|---|
| ADR | Environmentally Hazardous |
| RID | Environmentally Hazardous |
| ADNR | Environmentally Hazardous |
| IMDG | Environmentally Hazardous |
| IATA | not applicable |

**14.6. Special precautions for user**

| | |
|---|---|
| ADR | Special provision 640D<br>Tunnelcode: (D/E) |
| RID | Special provision 640D |
| ADNR | Special provision 640D |
| IMDG | not applicable |
| IATA | not applicable |

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 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 (1999/13/EC) 100 %

**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:

R11 Highly flammable.
R21/22 Harmful in contact with skin and if swallowed.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53 May cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.
H225 Highly flammable liquid and vapor.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

**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.