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



SDS No. : 280431
V003.0

LOCTITE LB 8154 known as Loctite 8154

Revision: 06.08.2018
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Replaces version from: 07.08.2015

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

**1.1. Product identifier**
LOCTITE LB 8154 known as Loctite 8154

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

**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

ua-productsafety.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):**

| | |
|---|---|
| Flammable aerosols | Category 1 |
| H222 Extremely flammable aerosol. | |
| H229 Pressurised container: May burst if heated. | |
| Specific target organ toxicity - single exposure | Category 3 |
| H336 May cause drowsiness or dizziness. | |
| Target organ: Central Nervous System | |
| 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:**

**Contains** Pentane

Naphtha

**Signal word:** Danger

**Hazard statement:**
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

**Supplemental information** EUH066 Repeated exposure may cause skin dryness or cracking.

**Precautionary statement:**
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P211 Do not spray on an open flame or other ignition source.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P102 Keep out of reach of children.
"***" ***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**
P261 Avoid breathing vapors.
P273 Avoid release to the environment.

### 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:**
Lubricant

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

| Hazardous components<br>CAS-No. | EC Number<br>REACH-Reg No. | content | Classification |
|---|---|---|---|
| Butane, n- (< 0.1 % butadiene)<br>106-97-8 | 203-448-7<br>01-2119474691-32 | 25- < 50 % | Flam. Gas 1<br>H220<br>Press. Gas |
| Pentane<br>109-66-0 | 203-692-4<br>01-2119459286-30 | 10- < 25 % | Flam. Liq. 2<br>H225<br>Asp. Tox. 1<br>H304<br>STOT SE 3<br>H336<br>Aquatic Chronic 2<br>H411 |
| Naphtha<br>64742-48-9 | 265-150-3<br>01-2119471843-32 | 10- < 25 % | Asp. Tox. 1<br>H304<br>STOT SE 3<br>H336<br>Flam. Liq. 3<br>H226<br>Aquatic Chronic 3<br>H412 |
| Propane<br>74-98-6 | 200-827-9<br>01-2119486944-21 | 2,5- < 10 % | Flam. Gas 1<br>H220<br>Press. Gas |

**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:
Move to fresh air. If symptoms persist, 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 out mouth, drink 1-2 glasses of water, do not induce vomiting.
Seek medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**
Prolonged or repeated contact may cause skin irritation.

Prolonged or repeated contact may cause eye irritation.

Repeated exposure may cause skin dryness or cracking.

Vapors may cause drowsiness and dizziness.

**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:**
Carbon dioxide, foam, powder

**Extinguishing media which must not be used for safety reasons:**
None known

**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.
Oxides of carbon, oxides of nitrogen, irritating organic vapors.

**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 skin and eye contact.
Ensure adequate ventilation.

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

**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.
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.
Avoid skin and eye contact.
See advice in section 8

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

**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.
Refer to Technical Data Sheet

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational Exposure Limits**

Valid for
Great Britain

| Ingredient [Regulated substance] | ppm | mg/m³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|---|---|---|---|---|---|
| Butane<br>106-97-8<br>[BUTANE] | 750 | 1.810 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| Butane<br>106-97-8<br>[BUTANE] | 600 | 1.450 | Time Weighted Average (TWA): | | EH40 WEL |
| Pentane<br>109-66-0<br>[PENTANE] | 600 | 1.800 | Time Weighted Average (TWA): | | EH40 WEL |
| Pentane<br>109-66-0<br>[PENTANE] | 1.000 | 3.000 | Time Weighted Average (TWA): | Indicative | ECTLV |

**Occupational Exposure Limits**

Valid for
Ireland

| Ingredient [Regulated substance] | ppm | mg/m³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|---|---|---|---|---|---|
| Butane<br>106-97-8<br>[BUTANE] | 1.000 | | Time Weighted Average (TWA): | | IR_OEL |
| Pentane<br>109-66-0<br>[N-PENTANE] | 1.000 | 3.000 | Time Weighted Average (TWA): | Indicative OELV | IR_OEL |
| Pentane<br>109-66-0<br>[PENTANE] | 1.000 | 3.000 | Time Weighted Average (TWA): | Indicative | ECTLV |
| Propane<br>74-98-6<br>[PROPANE] | 1.000 | | Time Weighted Average (TWA): | | IR_OEL |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic<br>64742-65-0<br>[MINERAL OIL, PURE, HIGHLY & SEVERELY REFINED, INHALABLE FRACTION] | | 5 | Time Weighted Average (TWA): | | IR_OEL |

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

| Name on list | Environmental Compartment | Exposure period | Value | | | | Remarks |
|---|---|---|---|---|---|---|---|
| | | | mg/l | ppm | mg/kg | others | |
| Pentane 109-66-0 | aqua (freshwater) | | 0,23 mg/l | | | | |
| Pentane 109-66-0 | aqua (marine water) | | 0,23 mg/l | | | | |
| Pentane 109-66-0 | aqua (intermittent releases) | | 0,88 mg/l | | | | |
| Pentane 109-66-0 | sediment (freshwater) | | | | 1,2 mg/kg | | |
| Pentane 109-66-0 | sediment (marine water) | | | | 1,2 mg/kg | | |
| Pentane 109-66-0 | Soil | | | | 0,55 mg/kg | | |
| Pentane 109-66-0 | sewage treatment plant (STP) | | 3,6 mg/l | | | | |

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

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|---|---|---|---|---|---|---|
| Pentane 109-66-0 | Workers | dermal | Long term exposure - systemic effects | | 432 mg/kg | |
| Pentane 109-66-0 | Workers | inhalation | Long term exposure - systemic effects | | 3000 mg/m3 | |
| Pentane 109-66-0 | General population | dermal | Long term exposure - systemic effects | | 214 mg/kg | |
| Pentane 109-66-0 | General population | inhalation | Long term exposure - systemic effects | | 643 mg/m3 | |
| Pentane 109-66-0 | General population | oral | Long term exposure - systemic effects | | 214 mg/kg | |
| Solvent naphtha (petroleum), heavy aliphatic, low benzene content 64742-48-9 | Workers | dermal | Long term exposure - systemic effects | | 300 mg/kg | |
| Solvent naphtha (petroleum), heavy aliphatic, low benzene content 64742-48-9 | Workers | Inhalation | Long term exposure - systemic effects | | 1500 mg/m3 | |
| Solvent naphtha (petroleum), heavy aliphatic, low benzene content 64742-48-9 | General population | dermal | Long term exposure - systemic effects | | 300 mg/kg | |
| Solvent naphtha (petroleum), heavy aliphatic, low benzene content 64742-48-9 | General population | Inhalation | Long term exposure - systemic effects | | 900 mg/m3 | |
| Solvent naphtha (petroleum), heavy aliphatic, low benzene content 64742-48-9 | General population | oral | Long term exposure - systemic effects | | 300 mg/kg | |

**Biological Exposure Indices:**
None

**8.2. Exposure controls:**

Engineering controls:
Ensure good ventilation/extraction.

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 (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:
Wear protective glasses.
Protective eye equipment should conform to EN166.

Skin protection:
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 | aerosol<br>black |
| Odor | characteristic |
| Odour threshold | No data available / Not applicable |
| pH | No data available / Not applicable |
| Melting point | No data available / Not applicable |
| Solidification temperature | No data available / Not applicable |
| Initial boiling point | 35,5 °C (95.9 °F) |
| Flash point | -97 °C (-142.6 °F) |
| Evaporation rate | No data available / Not applicable |
| Flammability | No data available / Not applicable |
| Explosive limits | |
| lower | 1,40 %(V) |
| upper | 10,90 %(V) |
| Vapour pressure<br>(20 °C (68 °F)) | 2,1000000 mbar |
| Relative vapour density: | No data available / Not applicable |
| Density<br>(20 °C (68 °F)) | 0,66 g/cm3 |
| Bulk density | No data available / Not applicable |
| Solubility | No data available / Not applicable |
| Solubility (qualitative)<br>(Solvent: Water) | Not miscible |
| Partition coefficient: n-octanol/water | No data available / Not applicable |
| Auto-ignition temperature | No data available / Not applicable |

| | |
|---|---|
| Decomposition temperature | 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 |
| Oxidising properties | No data available / Not applicable |

**9.2. Other information**

No data available / Not applicable

## SECTION 10: Stability and reactivity

**10.1. Reactivity**
None if used properly.

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

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

**10.4. Conditions to avoid**
Stable under normal conditions of storage and use.

**10.5. Incompatible materials**
See section reactivity.

**10.6. Hazardous decomposition products**
None if used for intended purpose.

## SECTION 11: Toxicological information

**General toxicological information:**
Prolonged or repeated contact may cause skin irritation.
Prolonged or repeated contact may cause eye irritation.

**11.1. Information on toxicological effects**

**Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value type | Value | Species | Method |
|---|---|---|---|---|
| Naphtha<br>64742-48-9 | LD50 | > 5.000 mg/kg | rat | OECD Guideline 401 (Acute Oral Toxicity) |

**Acute dermal toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value type | Value | Species | Method |
|---|---|---|---|---|
| Naphtha<br>64742-48-9 | LD50 | > 2.000 mg/kg | rabbit | OECD Guideline 402 (Acute Dermal Toxicity) |

**Acute inhalative toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value type | Value | Test atmosphere | Exposure time | Species | Method |
|---|---|---|---|---|---|---|
| Butane, n- (< 0.1 % butadiene)<br>106-97-8 | LC50 | 274200 ppm | gas | 4 h | rat | not specified |
| Naphtha<br>64742-48-9 | LC50 | | vapour | 4 h | rat | OECD Guideline 403 (Acute Inhalation Toxicity) |
| Propane<br>74-98-6 | LC50 | > 800000 ppm | gas | 15 min | rat | not specified |

**Skin corrosion/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result | Exposure time | Species | Method |
|---|---|---|---|---|
| Pentane<br>109-66-0 | not irritating | | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result | Exposure time | Species | Method |
|---|---|---|---|---|
| Naphtha<br>64742-48-9 | not irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Result | Test type | Species | Method |
|---|---|---|---|---|
| Naphtha<br>64742-48-9 | not sensitising | Buehler test | guinea pig | OECD Guideline 406 (Skin Sensitisation) |

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|---|---|---|---|---|---|
| Butane, n- (< 0.1 % butadiene) 106-97-8 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| Butane, n- (< 0.1 % butadiene) 106-97-8 | negative | in vitro mammalian chromosome aberration test | with and without | | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) |
| Naphtha 64742-48-9 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| Naphtha 64742-48-9 | negative | mammalian cell gene mutation assay | with and without | | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| Propane 74-98-6 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| Propane 74-98-6 | negative | in vitro mammalian chromosome aberration test | with and without | | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) |
| Butane, n- (< 0.1 % butadiene) 106-97-8 | negative | | | Drosophila melanogaster | not specified |
| Naphtha 64742-48-9 | negative | intraperitoneal | | rat | OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test) |
| Propane 74-98-6 | negative | | | Drosophila melanogaster | not specified |

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result / Value | Test type | Route of application | Species | Method |
|---|---|---|---|---|---|
| Butane, n- (< 0.1 % butadiene) 106-97-8 | NOAEL P 21,4 mg/l<br><br>NOAEL F1 21,4 mg/l | | | rat | OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| Naphtha 64742-48-9 | NOAEL P >= 20000 mg/m3<br><br>NOAEL F1 >= 20000 mg/m3 | Two generation study | inhalation: vapour | rat | OECD Guideline 416 (Two-Generation Reproduction Toxicity Study) |

**STOT-single exposure:**

No data available.

**STOT-repeated exposure::**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result / Value | Route of application | Exposure time / Frequency of treatment | Species | Method |
|---|---|---|---|---|---|
| Butane, n- (< 0.1 % butadiene) 106-97-8 | | inhalation: gas | 28 d | rat | OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| Naphtha 64742-48-9 | | inhalation: vapour | 6 h/d, 5 d/w for 4 weeks daily | rat | OECD Guideline 412 (Repeated Dose Inhalation Toxicity: 28/14-Day) |
| Naphtha 64742-48-9 | NOAEL 3.750 mg/kg | dermal | once per day | rat | OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) |
| Propane 74-98-6 | | inhalation: gas | 28 d | rat | OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

**Aspiration hazard:**

No data available.

## SECTION 12: Ecological information

**General ecological information:**
Do not empty into drains / surface water / ground water.

### 12.1. Toxicity

**Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value type | Value | Exposure time | Species | Method |
|---|---|---|---|---|---|
| Butane, n- (< 0.1 % butadiene)<br>106-97-8 | LC50 | 27,98 mg/l | 96 h | | not specified |
| Pentane<br>109-66-0 | LC 50 | > 0,1 mg/l | | Trout family (Salmonidae) | |

**Toxicity (Daphnia):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value type | Value | Exposure time | Species | Method |
|---|---|---|---|---|---|
| Butane, n- (< 0.1 % butadiene)<br>106-97-8 | EC50 | 14,22 mg/l | 48 h | | not specified |
| Pentane<br>109-66-0 | EC50 | 9,74 mg/l | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Naphtha<br>64742-48-9 | EC50 | > 22 - 46 mg/l | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |

**Chronic toxicity to aquatic invertebrates**

No data available.

**Toxicity (Algae):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No. | Value type | Value | Exposure time | Species | Method |
|---|---|---|---|---|---|
| Butane, n- (< 0.1 % butadiene)<br>106-97-8 | EC50 | 7,71 mg/l | 96 h | | not specified |
| Naphtha<br>64742-48-9 | NOEC | < 1 mg/l | 72 h | Pseudokirchneriella subcapitata (reported as Raphidocelis subcapitata) | OECD Guideline 201 (Alga, Growth Inhibition Test) |

**Toxicity to microorganisms**

No data available.

### 12.2. Persistence and degradability

| Hazardous substances<br>CAS-No. | Result | Test type | Degradability | Exposure time | Method |
|---|---|---|---|---|---|
| Pentane<br>109-66-0 | readily biodegradable | aerobic | 87 % | 28 d | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |
| Naphtha<br>64742-48-9 | readily biodegradable | aerobic | 89 % | 28 d | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |

### 12.3. Bioaccumulative potential

No data available.

**12.4. Mobility in soil**

The product evaporates readily.
The product is insoluble and floats on water.

| Hazardous substances<br>CAS-No. | LogPow | Temperature | Method |
|---|---|---|---|
| Pentane<br>109-66-0 | 3,45 | 25 °C | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |

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

| Hazardous substances<br>CAS-No. | PBT / vPvB |
|---|---|
| Butane, n- (< 0.1 % butadiene)<br>106-97-8 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Naphtha<br>64742-48-9 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Propane<br>74-98-6 | 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

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 | 1950 |
| RID | 1950 |
| ADN | 1950 |
| IMDG | 1950 |
| IATA | 1950 |

**14.2. UN proper shipping name**

| | |
|---|---|
| ADR | AEROSOLS |
| RID | AEROSOLS |
| ADN | AEROSOLS |
| IMDG | AEROSOLS |
| IATA | Aerosols, flammable |

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

| | |
|---|---|
| ADR | 2.1 |
| RID | 2.1 |
| ADN | 2.1 |
| IMDG | 2.1 |
| IATA | 2.1 |

**14.4. Packing group**

ADR
RID
ADN
IMDG
IATA

**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: (D) |
| 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 (2010/75/EC) 76,5 %

**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:

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

**Further information:**

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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.

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