



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

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LOCTITE SF 7649 known as Loctite 7649

SDS No. : 179515
V004.0

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

1.1. Product identifier

LOCTITE SF 7649 known as Loctite 7649

Contains:

Acetone

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
Adhesives
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. | |
| 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 | |

2.2. Label elements

Label elements (CLP):

Hazard pictogram:**Signal word:**

Danger

Hazard statement:

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

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 spray.
 P280 Wear protective gloves/protective clothing.

**Precautionary statement:
Response**

P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

The aerosol container is under pressure. Do not expose to high temperatures.

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:**

Activator

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

| Hazardous components CAS-No. | EC Number REACH-Reg No. | content | Classification |
|---|-------------------------------|------------|---|
| Acetone 67-64-1 | 200-662-2 01-2119471330-49 | 50- 100 % | Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 |
| Propane 74-98-6 | 200-827-9 01-2119486944-21 | 10- 20 % | Flam. Gas 1 H220 Press. Gas |
| 2-Ethylhexanoic acid 149-57-5 | 205-743-6 01-2119488942-23 | 0,1- < 1 % | Repr. 2 H361d |
| 2-ethylhexanoic acid, copper salt 22221-10-9 | 244-846-0 | 0,1- < 1 % | Repr. 2 H361f |

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

Vapors may cause drowsiness and dizziness.

EYE: Irritation, conjunctivitis.

Prolonged or repeated contact may cause skin irritation.

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:

Water spray jet

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x) 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 contact with skin and eyes.
Ensure adequate ventilation.
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.
Dispose of contaminated material as waste according to Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use only in well-ventilated areas.
 Vapours should be extracted to avoid inhalation.
 Keep away from sources of ignition - no smoking.
 Avoid skin and eye contact.
 See advice in section 8

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, well-ventilated place.
 Keep away from heat and direct sunlight.
 Refer to Technical Data Sheet

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 [Regulated substance] | ppm | mg/m ³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|----------------------------------|-------|-------------------|-----------------------------------|--|-----------------|
| Acetone 67-64-1 [ACETONE] | 1.500 | 3.620 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| Acetone 67-64-1 [ACETONE] | 500 | 1.210 | Time Weighted Average (TWA): | | EH40 WEL |
| Acetone 67-64-1 [ACETONE] | 500 | 1.210 | Time Weighted Average (TWA): | Indicative | ECLTV |

Occupational Exposure Limits

Valid for
Ireland

| Ingredient [Regulated substance] | ppm | mg/m ³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|---|-------|-------------------|------------------------------|--|-----------------|
| Acetone 67-64-1 [ACETONE] | 500 | 1.210 | Time Weighted Average (TWA): | Indicative OELV | IR_OEL |
| Acetone 67-64-1 [ACETONE] | 500 | 1.210 | Time Weighted Average (TWA): | Indicative | ECLTV |
| Propane 74-98-6 [PROPANE] | 1.000 | | Time Weighted Average (TWA): | | IR_OEL |
| 2-Ethylhexanoic acid 149-57-5 [ETHYL HEXANOIC ACID] | | 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 | |
| Acetone 67-64-1 | aqua (intermittent releases) | | 21 mg/l | | | | |
| Acetone 67-64-1 | sewage treatment plant (STP) | | 100 mg/l | | | | |
| Acetone 67-64-1 | sediment (freshwater) | | | | 30,4 mg/kg | | |
| Acetone 67-64-1 | sediment (marine water) | | | | 3,04 mg/kg | | |
| Acetone 67-64-1 | soil | | | | 29,5 mg/kg | | |
| Acetone 67-64-1 | aqua (freshwater) | | 10,6 mg/l | | | | |
| Acetone 67-64-1 | aqua (marine water) | | 1,06 mg/l | | | | |
| 2-Ethylhexanoic acid 149-57-5 | aqua (freshwater) | | 0,36 mg/l | | | | |
| 2-Ethylhexanoic acid 149-57-5 | aqua (marine water) | | 0,036 mg/l | | | | |
| 2-Ethylhexanoic acid 149-57-5 | aqua (intermittent releases) | | 0,493 mg/l | | | | |
| 2-Ethylhexanoic acid 149-57-5 | sewage treatment plant (STP) | | 71,7 mg/l | | | | |
| 2-Ethylhexanoic acid 149-57-5 | sediment (freshwater) | | | | 6,37 mg/kg | | |
| 2-Ethylhexanoic acid 149-57-5 | sediment (marine water) | | | | 0,637 mg/kg | | |
| 2-Ethylhexanoic acid 149-57-5 | soil | | | | 1,06 mg/kg | | |

Derived No-Effect Level (DNEL):

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|----------------------------------|--------------------|-------------------|---|---------------|------------------------|---------|
| Acetone 67-64-1 | Workers | Inhalation | Acute/short term exposure - local effects | | 2420 mg/m ³ | |
| Acetone 67-64-1 | Workers | dermal | Long term exposure - systemic effects | | 186 mg/kg | |
| Acetone 67-64-1 | Workers | Inhalation | Long term exposure - systemic effects | | 1210 mg/m ³ | |
| Acetone 67-64-1 | General population | dermal | Long term exposure - systemic effects | | 62 mg/kg | |
| Acetone 67-64-1 | General population | Inhalation | Long term exposure - systemic effects | | 200 mg/m ³ | |
| Acetone 67-64-1 | General population | oral | Long term exposure - systemic effects | | 62 mg/kg | |
| 2-Ethylhexanoic acid 149-57-5 | Workers | dermal | Long term exposure - systemic effects | | 2 mg/kg | |
| 2-Ethylhexanoic acid 149-57-5 | Workers | Inhalation | Long term exposure - systemic effects | | 14 mg/m ³ | |
| 2-Ethylhexanoic acid 149-57-5 | General population | dermal | Long term exposure - systemic effects | | 1 mg/kg | |
| 2-Ethylhexanoic acid 149-57-5 | General population | Inhalation | Long term exposure - systemic effects | | 3,5 mg/m ³ | |
| 2-Ethylhexanoic acid 149-57-5 | General population | oral | Long term exposure - systemic effects | | 1 mg/kg | |

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

Use only in well-ventilated areas.

Filter type: P2

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; \geq 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; \geq 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:
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 | aerosol green |
| Odor | pungent |
| Odour threshold | No data available / Not applicable |
| pH | Not applicable |
| Melting point | No data available / Not applicable |
| Solidification temperature | No data available / Not applicable |
| Initial boiling point | 56 °C (132.8 °F) |
| Flash point | -18 °C (0.4 °F) |
| Evaporation rate | No data available / Not applicable |
| Flammability | No data available / Not applicable |
| Explosive limits | |
| lower | 2,5 % (V) |
| upper | 13 % (V) |
| Vapour pressure (20 °C (68 °F)) | 230 mbar |
| Relative vapour density: | No data available / Not applicable |
| Density (20 °C (68 °F)) | 0,8 g/cm ³ |
| Bulk density | No data available / Not applicable |
| Solubility | No data available / Not applicable |
| Solubility (qualitative) (Solvent: Water) | Miscible |
| Solubility (qualitative) (Solvent: Acetone) | Soluble |
| 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

Reacts with strong oxidants.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Stable

10.5. Incompatible materials

See section reactivity.

10.6. Hazardous decomposition products

Irritating organic vapours.

SECTION 11: Toxicological information**General toxicological information:**

Prolonged or repeated contact may cause skin 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 CAS-No. | Value type | Value | Species | Method |
|----------------------------------|---------------|-------------|---------|--|
| Acetone 67-64-1 | LD50 | 5.800 mg/kg | rat | not specified |
| 2-Ethylhexanoic acid 149-57-5 | LD50 | 2.043 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 CAS-No. | Value type | Value | Species | Method |
|----------------------------------|---------------|----------------|---------|--|
| Acetone 67-64-1 | LD50 | > 15.688 mg/kg | rabbit | Draize Test |
| 2-Ethylhexanoic acid 149-57-5 | LD50 | > 2.000 mg/kg | rat | 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 CAS-No. | Value type | Value | Test atmosphere | Exposure time | Species | Method |
|---------------------------------|---------------|--------------|-----------------|------------------|---------|---------------|
| Acetone 67-64-1 | LC50 | 76 mg/l | | 4 h | rat | not specified |
| Propane 74-98-6 | LC50 | > 800000 ppm | gas | 15 min | rat | not specified |

Skin corrosion/irritation:

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

| Hazardous substances CAS-No. | Result | Exposure time | Species | Method |
|----------------------------------|----------------|------------------|------------|--|
| Acetone 67-64-1 | not irritating | | guinea pig | not specified |
| 2-Ethylhexanoic acid 149-57-5 | 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 CAS-No. | Result | Exposure time | Species | Method |
|----------------------------------|----------------|------------------|---------|---|
| Acetone 67-64-1 | irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |
| 2-Ethylhexanoic acid 149-57-5 | 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 CAS-No. | Result | Test type | Species | Method |
|---------------------------------|-----------------|---------------------------------|------------|---------------|
| Acetone 67-64-1 | not sensitising | Guinea pig maximisation test | guinea pig | not specified |

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 |
|----------------------------------|----------|--|--|---------|--|
| Acetone 67-64-1 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| Acetone 67-64-1 | negative | in vitro mammalian chromosome aberration test | with and without | | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) |
| Acetone 67-64-1 | negative | mammalian cell gene mutation assay | 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) |
| 2-Ethylhexanoic acid 149-57-5 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | Ames Test |

Carcinogenicity

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

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Sex | Method |
|---------------------------------|------------------|-------------------------|---|---------|--------|---------------|
| Acetone 67-64-1 | not carcinogenic | dermal | 424 d 3 times per week | mouse | female | not specified |

Reproductive toxicity:

No data available.

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 |
|------------------------------|-----------------|----------------------------|--|---------|---|
| Acetone 67-64-1 | NOAEL 900 mg/kg | oral: drinking water | 13 w daily | rat | OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| 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 CAS-No. | Value type | Value | Exposure time | Species | Method |
|----------------------------------|------------|------------|---------------|---------------------|---|
| Acetone 67-64-1 | LC50 | 8.120 mg/l | 96 h | Pimephales promelas | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| 2-Ethylhexanoic acid 149-57-5 | LC50 | 270 mg/l | 96 h | Lepomis gibbosus | OECD Guideline 203 (Fish, Acute Toxicity Test) |

Toxicity (Daphnia):

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

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|----------------------------------|------------|------------|---------------|---------------|--|
| Acetone 67-64-1 | EC50 | 8.800 mg/l | 48 h | Daphnia pulex | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| 2-Ethylhexanoic acid 149-57-5 | EC50 | 85,4 mg/l | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |

Chronic toxicity to aquatic invertebrates

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

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|------------------------------|------------|------------|---------------|---------------|--|
| Acetone 67-64-1 | NOEC | 2.212 mg/l | 28 d | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |

Toxicity (Algae):

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

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|----------------------------------|---------------|----------|---------------|---|--|
| Acetone 67-64-1 | NOEC | 530 mg/l | 8 d | Microcystis aeruginosa | DIN 38412-09 |
| 2-Ethylhexanoic acid 149-57-5 | EC50 | 61 mg/l | 72 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| 2-Ethylhexanoic acid 149-57-5 | EC10 | 33 mg/l | 72 h | Scenedesmus subspicatus (new name: Desmodesmus subspicatus) | OECD Guideline 201 (Alga, Growth Inhibition Test) |

Toxicity to microorganisms

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

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|----------------------------------|---------------|------------|---------------|--------------------|--|
| Acetone 67-64-1 | EC10 | 1.000 mg/l | 30 min | Pseudomonas putida | DIN 38412, part 27 (Bacterial oxygen consumption test) |
| 2-Ethylhexanoic acid 149-57-5 | EC10 | 72 mg/l | 17 h | | DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm- Test) |

12.2. Persistence and degradability

No data available.

| Hazardous substances CAS-No. | Result | Test type | Degradability | Exposure time | Method |
|----------------------------------|-----------------------|-----------|---------------|------------------|---|
| Acetone 67-64-1 | readily biodegradable | aerobic | 81 - 92 % | 30 d | EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test) |
| 2-Ethylhexanoic acid 149-57-5 | | aerobic | > 70 % | 28 d | OECD Guideline 302 B (Inherent biodegradability: Zahn- Wellens/EMPA Test) |
| 2-Ethylhexanoic acid 149-57-5 | readily biodegradable | aerobic | 99 % | 28 d | OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test) |

12.3. Bioaccumulative potential

No data available.

No substance data available.

12.4. Mobility in soil

The product evaporates readily.

| Hazardous substances CAS-No. | LogPow | Temperature | Method |
|----------------------------------|--------|-------------|--|
| Acetone 67-64-1 | -0,24 | | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |
| 2-Ethylhexanoic acid 149-57-5 | 2,7 | | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |

12.5. Results of PBT and vPvB assessment

| Hazardous substances CAS-No. | PBT / vPvB |
|----------------------------------|---|
| Acetone 67-64-1 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Propane 74-98-6 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| 2-Ethylhexanoic acid 149-57-5 | 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 in accordance with local and national regulations.

Collection and delivery to recycling enterprise or other registered elimination institution.

Disposal of uncleaned packages:

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 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) | 99,2 % |
|-----------------------------|--------|

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.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H361d Suspected of damaging the unborn child.
- H361f Suspected of damaging fertility.

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.