



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

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LOCTITE SF 7061 SUPERCLEANER known as 7061 supercleaner
-400 ml-REL

SDS No. : 173278
V005.3

Revision: 16.09.2015

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Replaces version from: 28.03.2012

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

1.1. Product identifier

LOCTITE SF 7061 SUPERCLEANER known as 7061 supercleaner -400 ml-REL

Contains:

Acetone
Propan-2-ol

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:
Cleaner

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@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 liquids | Category 2 |
| H225 Highly flammable liquid and vapor. | |
| 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:**
H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.**Supplemental information** EUH066 Repeated exposure may cause skin dryness or cracking.**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:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Prevention No smoking.
P261 Avoid breathing vapours.
P280 Wear protective gloves/protective clothing.**Precautionary statement:** P337+P313 If eye irritation persists: Get medical advice/attention.
Response

2.3. Other hazards

None if used properly.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General chemical description:
Cleaner**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 |
| Ethanol 64-17-5 | 200-578-6 01-2119457610-43 | >= 25- < 50 % | Eye Irrit. 2 H319 Flam. Liq. 2 H225 |
| Propan-2-ol 67-63-0 | 200-661-7 01-2119457558-25 | >= 1- < 3 % | Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 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.

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.

Repeated exposure may cause skin dryness or cracking.

EYE: Irritation, conjunctivitis.

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

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.

6.4. Reference to other sections

See advice in section 8

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.

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, well-ventilated place.
- Keep away from heat and direct sunlight.

7.3. Specific end use(s)

Cleaner

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] | 500 | 1.210 | Time Weighted Average (TWA): | | EH40 WEL |
| 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): | Indicative | ECTLV |
| Ethanol 64-17-5 [ETHANOL] | 1.000 | 1.920 | Time Weighted Average (TWA): | | EH40 WEL |
| Propan-2-ol 67-63-0 [PROPAN-2-OL] | 500 | 1.250 | Short Term Exposure Limit (STEL): | | EH40 WEL |
| Propan-2-ol 67-63-0 [PROPAN-2-OL] | 400 | 999 | Time Weighted Average (TWA): | | EH40 WEL |

Occupational Exposure LimitsValid 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 | ECTLV |
| Ethanol 64-17-5 [ETHANOL] | 1.000 | | Short Term Exposure Limit (STEL): | | IR_OEL |
| Propan-2-ol 67-63-0 [ISOPROPYL ALCOHOL] | 400 | | Short Term Exposure Limit (STEL): | | IR_OEL |
| Propan-2-ol 67-63-0 [ISOPROPYL ALCOHOL] | 200 | | Time Weighted Average (TWA): | | IR_OEL |
| Propan-2-ol 67-63-0 [ISOPROPYL ALCOHOL] | | | Skin designation: | Can be absorbed through the skin. | 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 | 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 | |
| Ethanol 64-17-5 | aqua (freshwater) | | | | | 0,96 mg/L | |
| Ethanol 64-17-5 | aqua (marine water) | | | | | 0,79 mg/L | |
| Ethanol 64-17-5 | aqua (intermittent releases) | | | | | 2,75 mg/L | |
| Ethanol 64-17-5 | sediment (freshwater) | | | | 3,6 mg/kg | | |
| Ethanol 64-17-5 | soil | | | | 0,63 mg/kg | | |
| Ethanol 64-17-5 | STP | | | | | 580 mg/L | |
| Ethanol 64-17-5 | oral | | | | 720 mg/kg | | |
| Ethanol 64-17-5 | sediment (marine water) | | | | 2,9 mg/kg | | |
| Propan-2-ol 67-63-0 | aqua (freshwater) | | | | | 140,9 mg/L | |
| Propan-2-ol 67-63-0 | aqua (marine water) | | | | | 140,9 mg/L | |
| Propan-2-ol 67-63-0 | sediment (freshwater) | | | | 552 mg/kg | | |
| Propan-2-ol 67-63-0 | sediment (marine water) | | | | 552 mg/kg | | |
| Propan-2-ol 67-63-0 | soil | | | | 28 mg/kg | | |
| Propan-2-ol 67-63-0 | aqua (intermittent releases) | | | | | 140,9 mg/L | |
| Propan-2-ol 67-63-0 | STP | | | | | 2251 mg/L | |
| Propan-2-ol 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 |
|------------------------|--------------------|-------------------|---|---------------|------------------|---------|
| Acetone 67-64-1 | Workers | Inhalation | Acute/short term exposure - local effects | | 2420 mg/m3 | |
| Acetone 67-64-1 | Workers | Dermal | Long term exposure - systemic effects | | 186 mg/kg bw/day | |
| Acetone 67-64-1 | Workers | Inhalation | Long term exposure - systemic effects | | 1210 mg/m3 | |
| Acetone 67-64-1 | general population | Dermal | Long term exposure - systemic effects | | 62 mg/kg bw/day | |
| Acetone 67-64-1 | general population | Inhalation | Long term exposure - systemic effects | | 200 mg/m3 | |
| Acetone 67-64-1 | general population | oral | Long term exposure - systemic effects | | 62 mg/kg bw/day | |
| Ethanol 64-17-5 | Workers | Inhalation | Acute/short term exposure - local effects | | 1900 mg/m3 | |
| Ethanol 64-17-5 | Workers | Dermal | Long term exposure - systemic effects | | 343 mg/kg bw/day | |
| Ethanol 64-17-5 | Workers | Inhalation | Long term exposure - systemic effects | | 950 mg/m3 | |
| Ethanol 64-17-5 | general population | Inhalation | Acute/short term exposure - local effects | | 950 mg/m3 | |
| Ethanol 64-17-5 | general population | Dermal | Long term exposure - systemic effects | | 206 mg/kg bw/day | |
| Ethanol 64-17-5 | general population | Inhalation | Long term exposure - systemic effects | | 114 mg/m3 | |
| Ethanol 64-17-5 | general population | oral | Long term exposure - systemic effects | | 87 mg/kg bw/day | |
| Propan-2-ol 67-63-0 | Workers | Dermal | Long term exposure - systemic effects | | 888 mg/kg bw/day | |
| Propan-2-ol 67-63-0 | Workers | Inhalation | Long term exposure - systemic effects | | 500 mg/m3 | |
| Propan-2-ol 67-63-0 | general population | Dermal | Long term exposure - systemic effects | | 319 mg/kg bw/day | |
| Propan-2-ol 67-63-0 | general population | Inhalation | Long term exposure - systemic effects | | 89 mg/m3 | |
| Propan-2-ol 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:

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:

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|--|------------------------------------|
| Appearance | liquid colourless |
| Odor | pungent |
| Odour threshold | No data available / Not applicable |
| pH | Not applicable |
| Initial boiling point | Not determined |
| Flash point | -18 °C (0.4 °F) |
| Decomposition temperature | No data available / Not applicable |
| Vapour pressure | No data available / Not applicable |
| Density (20 °C (68 °F)) | 0,68 g/cm ³ |
| 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) (Solvent: Water) | Miscible |
| Solubility (qualitative) (Solvent: Acetone) | Miscible |
| 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**

Reaction with strong acids.

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

None if used properly.

10.6. Hazardous decomposition products

Irritating organic vapours.

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.

STOT-single exposure:

May cause drowsiness or dizziness.

Oral toxicity:

This material is considered to have low toxicity if swallowed.

Inhalative toxicity:

May cause headache and dizziness.

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 CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---------------------------------|---------------|--------------|-------------------------|------------------|---------|--|
| Acetone 67-64-1 | LD50 | 5.800 mg/kg | oral | | rat | OECD Guideline 401 (Acute Oral Toxicity) |
| Ethanol 64-17-5 | LD50 | 13.700 mg/kg | oral | | rat | |
| Propan-2-ol 67-63-0 | LD50 | 5.840 mg/kg | oral | | rat | |

Acute inhalative toxicity:

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---------------------------------|---------------|------------|-------------------------|------------------|---------|--------|
| Acetone 67-64-1 | LC50 | 76 mg/l | | 4 h | rat | |
| Ethanol 64-17-5 | LC50 | 124,7 mg/l | | 4 h | rat | |
| Propan-2-ol 67-63-0 | LC50 | 72,6 mg/l | | 4 h | rat | |

Acute dermal toxicity:

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---------------------------------|---------------|----------------|-------------------------|------------------|---------|--------|
| Acetone 67-64-1 | LD50 | > 15.688 mg/kg | dermal | | rabbit | |
| Ethanol 64-17-5 | LDLo | 20.000 mg/kg | dermal | | rabbit | |
| Ethanol 64-17-5 | LD50 | 15.800 mg/kg | | | | |
| Propan-2-ol 67-63-0 | LD50 | 12.870 mg/kg | dermal | | rabbit | |

Skin corrosion/irritation:

| Hazardous components CAS-No. | Result | Exposure time | Species | Method |
|---------------------------------|---------------------|------------------|---------|--|
| Ethanol 64-17-5 | not irritating | | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| Propan-2-ol 67-63-0 | slightly irritating | 4 h | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

Serious eye damage/irritation:

| Hazardous components CAS-No. | Result | Exposure time | Species | Method |
|---------------------------------|-----------------------|------------------|---------|---|
| Acetone 67-64-1 | irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |
| Ethanol 64-17-5 | Category II | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |
| Propan-2-ol 67-63-0 | moderately irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

Respiratory or skin sensitization:

| Hazardous components CAS-No. | Result | Test type | Species | Method |
|---------------------------------|-----------------|---------------------------------|------------|---|
| Acetone 67-64-1 | not sensitising | Guinea pig maximisation test | guinea pig | Not specified |
| Ethanol 64-17-5 | not sensitising | Guinea pig maximisation test | guinea pig | Magnusson and Kligman Method |
| Propan-2-ol 67-63-0 | not sensitising | Buehler test | guinea pig | OECD Guideline 406 (Skin Sensitisation) |

Germ cell mutagenicity:

| Hazardous components 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) |
| Ethanol 64-17-5 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| | negative | in vitro mammalian chromosome aberration test | without | | |
| Propan-2-ol 67-63-0 | negative with metabolic activation | mammalian cell gene mutation assay | with and without | | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| Propan-2-ol 67-63-0 | negative | intraperitoneal | | mouse | OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) |

Carcinogenicity:

| Hazardous components CAS-No. | Result | Species | Sex | Exposure timeFrequency of treatment | Route of application | Method |
|---------------------------------|--------|---------|-------------|---|-------------------------|---|
| Propan-2-ol 67-63-0 | | rat | male/female | 104 w 6 h/d, 5 d/w | inhalation: vapour | OECD Guideline 451 (Carcinogenicity Studies) |

Repeated dose toxicity

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Method |
|---------------------------------|--------------------|----------------------------|--|---------|--|
| Acetone 67-64-1 | NOAEL=900 mg/kg | oral: drinking water | 13 wdaily | rat | OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| Acetone 67-64-1 | LOAEL=20000 ppm | oral: drinking water | 13 wdaily | rat | OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| Propan-2-ol 67-63-0 | | inhalation: vapour | at least 104 w6 h/d, 5 d/w | rat | |

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:**

Do not empty into drains / surface water / ground water.

| Hazardous components CAS-No. | Value type | Value | Acute Toxicity Study | Exposure time | Species | Method |
|---------------------------------|---------------|-----------------------|----------------------------|------------------|---|---|
| Acetone 67-64-1 | LC50 | 8.120 mg/l | Fish | 96 h | Pimephales promelas | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Acetone 67-64-1 | EC50 | 8.800 mg/l | Daphnia | 48 h | Daphnia pulex | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Acetone 67-64-1 | EC10 | 1.000 mg/l | Bacteria | 30 min | | DIN 38412, part 27 (Bacterial oxygen consumption test) |
| Acetone 67-64-1 | NOEC | 2.212 mg/l | chronic Daphnia | 28 d | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |
| Ethanol 64-17-5 | LC50 | 14.200 mg/l | Fish | 96 h | Pimephales promelas | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Ethanol 64-17-5 | EC50 | 9.268 - 14.221 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Ethanol 64-17-5 | EC50 | > 5.000 mg/l | Algae | 7 d | Scenedesmus quadricauda | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Ethanol 64-17-5 | EC0 | 6.500 mg/l | Bacteria | 30 min | | |
| Ethanol 64-17-5 | NOEC | 2 mg/l | chronic Daphnia | 10 d | | |
| Propan-2-ol 67-63-0 | LC50 | > 9.640 - 10.000 mg/l | Fish | 96 h | Pimephales promelas | OECD Guideline 203 (Fish, Acute Toxicity 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 | EC 50 | > 1.000 mg/l | Bacteria | 3 h | | OECD Guideline 209 (Activated Sludge, Respiration 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.

Persistence and degradability:

Degradation of surfactants

The product does not contain surface-active substances as defined in the EU Detergent Regulation (EC/648/2004).

| Hazardous components CAS-No. | Result | Route of application | Degradability | Method |
|---------------------------------|--------|-------------------------|---------------|--------|
|---------------------------------|--------|-------------------------|---------------|--------|

| | | | | |
|------------------------|-----------------------|---------|-----------|--|
| Acetone 67-64-1 | readily biodegradable | aerobic | 81 - 92 % | EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test) |
| Ethanol 64-17-5 | readily biodegradable | aerobic | 80 - 85 % | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test) |
| Propan-2-ol 67-63-0 | readily biodegradable | aerobic | 70 - 84 % | EU Method C.4-E (Determination of the "Ready" Biodegradability Closed 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 |
|---------------------------------|--------|----------------------------------|------------------|---------|-------------|--|
| Acetone 67-64-1 | -0,24 | | | | | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |
| Ethanol 64-17-5 | -0,31 | | | | | |
| 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 |
|---------------------------------|---|
| Acetone 67-64-1 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Ethanol 64-17-5 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Propan-2-ol 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 in accordance with local and national regulations.

Disposal of uncleaned packages:

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 |
| ADN | 1993 |
| IMDG | 1993 |
| IATA | 1993 |

14.2. UN proper shipping name

| | |
|------|--|
| ADR | FLAMMABLE LIQUID, N.O.S. (Ethanol,Acetone) |
| RID | FLAMMABLE LIQUID, N.O.S. (Ethanol,Acetone) |
| ADN | FLAMMABLE LIQUID, N.O.S. (Ethanol,Acetone) |
| IMDG | FLAMMABLE LIQUID, N.O.S. (Ethanol,Acetone) |
| IATA | Flammable liquid, n.o.s. (Ethanol,Acetone) |

14.3. Transport hazard class(es)

| | |
|------|---|
| ADR | 3 |
| RID | 3 |
| ADN | 3 |
| IMDG | 3 |
| IATA | 3 |

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 | Special provision 640D Tunnelcode: (D/E) |
| RID | Special provision 640D |
| ADN | Special provision 640D |
| 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) | 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:

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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.

Label elements (DPD):

Xi - Irritant



F - Highly flammable



Risk phrases:

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

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.

S37 Wear suitable gloves.

S51 Use only in well-ventilated areas.

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.

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.