

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

1.1. Product identifier

Product name: LUBELIFE LOWTEMP

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

Use of substance / mixture: PC24: Lubricants, greases, release products.

1.3. Details of the supplier of the safety data sheet

Company name: Schleifring GmbH
Am Hardtanger 10
D-82256 Fürstenfeldbruck
Tel: +49-(0)8141 403-0
Email: info@schleifring.de

1.4. Emergency telephone number

Emergency tel: Giftnotruf/Poison control center: +49-(0)89 19240

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 4: H413

Most important adverse effects: May cause long lasting harmful effects to aquatic life.

2.2. Label elements

Label elements:

Hazard statements: H413: May cause long lasting harmful effects to aquatic life.

Precautionary statements: P273: Avoid release to the environment.

P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

Other hazards: Thermal decomposition (> 260° C) can release toxic and corrosive gases.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous ingredients:

HEXAFLUOROPROPENE, OXIDIZED, OLIGOMERS, REDUCED, FLUORINATED

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	161075-00-9	-	Aquatic Chronic 4: H413	>90%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of hydrogen fluoride.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

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6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Do not heat over 270° C, beginning decomposition with formation of toxic and caustic hydrogen fluoride and carbonyl fluoride.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves. 0,7 mm Breakthrough time of the glove material < 1 hour.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

State: Liquid	
Colour: Colourless	
Odour: Barely perceptible odour	
Evaporation rate: No data available.	
Oxidising: Non-oxidising (by EC criteria)	
Solubility in water: Insoluble	
Viscosity: No data available.	
Boiling point/range°C: > 35	Melting point/range°C: No data available.
Flammability limits %: lower: Not applicable.	upper: Not applicable.
Flash point°C: Not applicable.	Part.coeff. n-octanol/water: No data available.
Autoflammability°C: Not applicable.	Vapour pressure: No data available.
Relative density: 1,645/20°C	pH: Not applicable.
VOC g/l: Not applicable.	

9.2. Other information

Other information: Decomposition > 260°C

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Temperatures > 260° C

10.5. Incompatible materials

Materials to avoid: non-aqueous alkalis, Lewis acids > 100°C,

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of hydrogen fluoride.

Section 11: Toxicological information

11.1. Information on toxicological effects

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Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	> 15000	mg/kg

Hazardous ingredients:

HEXAFLUOROPROPENE, OXIDIZED, OLIGOMERS, REDUCED, FLUORINATED

DERMAL	RAT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	> 1627	mg/l
ORAL	RAT	LD50	>5000	mg/kg

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: No data available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
FISCH	96H LC50	> 360	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Insoluble in water. Heavier than water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Dispose of or reuse product in accordance with the valid administrative

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provisions and regulations. The waste material's denomination as well as the waste code number are allocated by the user (waste producer).

Recovery operations: Oil re-refining or other reuses of oil.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H413: May cause long lasting harmful effects to aquatic life.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.