

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

**1.1. Product identifier**

**Product name:** LUBELIFE HIGHPOWER

**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	70-90%

## 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

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