



**SAFETY DATA SHEET**  
MUC-OFF -50°C CHAIN LUBE

Page: 1

Compilation date: 15/09/2016

Revision No: 1

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

**1.1. Product identifier**

Product name: MUC-OFF -50°C CHAIN LUBE

Product code: 980

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

**1.3. Details of the supplier of the safety data sheet**

Company name: Muc-Off Ltd  
Concept Office Park, Innovation Close  
Poole  
Dorset  
BH12 4QT  
United Kingdom  
Tel: +44(0)1202 307790  
Email: info@muc-off.com

**1.4. Emergency telephone number**

Emergency tel: +44(0)1202 307790  
(office hours only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification under CLP: This product has no classification under CLP.

**2.2. Label elements**

Label elements: This product has no label elements.

**2.3. Other hazards**

Other hazards: By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

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

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

Contains: Mixture of synthetic base oils with additives. The components are not hazardous or are below required disclosure limits.

[cont...]

**SAFETY DATA SHEET**  
MUC-OFF -50°C CHAIN LUBE

Page: 2

#### 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.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. 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 vomiting and diarrhoea.

**Inhalation:** 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.

##### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

##### 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.

##### 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.

[cont...]

**SAFETY DATA SHEET**  
MUC-OFF -50°C CHAIN LUBE

Page: 3

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

Handling requirements: Ensure there is sufficient ventilation of the area.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

**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 there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

State: Liquid

Colour: Red

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Oily

Kinematic viscosity: 68

Viscosity test method: Kinematic viscosity in 10-6 m<sup>2</sup>/s at 40°C (ISO 3104/3105)

Boiling point/range°C: Not applicable.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: 240

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 0.845

pH: Not applicable.

VOC g/l: Not applicable.

[cont...]

**SAFETY DATA SHEET**  
MUC-OFF -50°C CHAIN LUBE

Page: 4

**9.2. Other information**

Other information: No data available.

**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.

**10.5. Incompatible materials**

Materials to avoid: Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

Haz. decomp. products: In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

Toxicity values: No data available.

**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 vomiting and diarrhoea.

Inhalation: No data available.

**Section 12: Ecological information**

**12.1. Toxicity**

Ecotoxicity values: No data available.

**12.2. Persistence and degradability**

Persistence and degradability: No data available.

**12.3. Bioaccumulative potential**

Bioaccumulative potential: No data available.

[cont...]

**SAFETY DATA SHEET**  
MUC-OFF -50°C CHAIN LUBE

Page: 5

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil. Insoluble in water. Floats on 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:** WGK 1: slightly water-endangering

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**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**

**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.

**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.