

## **SAFETY DATA SHEET**

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

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

#### **1.1 Product identifier**

**Product name:** SILKOLENE FOAM FILTER OIL

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

**Identified uses:** Lubricant

**Uses advised against:** No uses advised against identified.

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

**Manufacturer / Supplier** FUCHS LUBRICANTS (UK) PLC.  
New Century Street  
ST1 5HU Hanley

**Telephone:** +44 (0) 1782 203700

**Contact Person:** Product Safety department

**E-mail:** product.safety@fuchs.com  
**Telephone:** +44 (0) 1782 203700

**1.4 Emergency telephone number:** UK NHS: Dial 111

### **SECTION 2: Hazards identification**

**Product name:** SILKOLENE FOAM FILTER OIL

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**2.1 Classification of the substance or mixture**

The product has been classified and labelled as hazardous according to regulation GB-CLP.

**Classification according to GB-CLP.**

**Physical Hazards**

Flammable liquids	Category 2	H225: Highly flammable liquid and vapor.
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**Health Hazards**

Skin irritation	Category 2	H315: Causes skin irritation.
Specific Target Organ Toxicity - Single Exposure	Category 3	H336: May cause drowsiness or dizziness.
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters airways.

**Environmental Hazards**

Chronic hazards to the aquatic environment	Category 2	H411: Toxic to aquatic life with long lasting effects.
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**Hazard summary**

<b>Physical Hazards:</b>	No data available.
<b>Health Hazards Inhalation:</b>	Has a narcotic effect.
<b>Ingestion:</b>	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

**2.2 Label Elements**

**Contains:** Naphtha (petroleum), hydrotreated light



**Signal Words:** Danger

**Hazard Statement(s):** H225: Highly flammable liquid and vapor.  
H315: Causes skin irritation.  
H336: May cause drowsiness or dizziness.  
H304: May be fatal if swallowed and enters airways.  
H411: Toxic to aquatic life with long lasting effects.

**Product name:** SILKOLENE FOAM FILTER OIL

### Precautionary Statements

**Prevention:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P273: Avoid release to the environment.

**Response:** P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331: Do NOT induce vomiting.

**Disposal:** P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**2.3 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. The product may not be released into the environment without control.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**General information:** Mixture containing severely refined base oils and additives.

Chemical name	Identifier	Concentration *	UK-REACH Registration No.	Notes
Naphtha (petroleum), hydrotreated light	EINECS: 931-254-9	25,00% - <50,00%		

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

### Classification

Chemical name	Identifier	Classification
Naphtha (petroleum), hydrotreated light GB-CLP	EINECS: 931-254-9	GBCLP: Asp. Tox. 1;H304, Flam. Liq. 2;H225, STOT SE 3;H336, Skin Irrit. 2;H315, Aquatic Chronic 2;H411

Please note that the mineral oils and petroleum distillates used in our products are severely refined and have a DMSO extract < 3% as measured by method IP 346 and are not classified as carcinogenic according to Note L of Annex VI of Regulation GB-CLP.

## SECTION 4: First aid measures

**General:** Instantly remove any clothing soiled by the product.

### 4.1 Description of first aid measures

**Product name:** SILKOLENE FOAM FILTER OIL

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<b>Inhalation:</b>	Supply fresh air; consult doctor in case of symptoms.
<b>Eye contact:</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.
<b>Skin Contact:</b>	Take off immediately all contaminated clothing. Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention.
<b>Ingestion:</b>	Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do NOT induce vomiting. Call a POISON CENTER or doctor/ physician if you feel unwell.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	Causes skin irritation. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	Get medical attention if symptoms occur.

## SECTION 5: Firefighting measures

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<b>General Fire Hazards:</b>	Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.
<b>5.1 Extinguishing media</b>	
<b>Suitable extinguishing media:</b>	CO <sub>2</sub> , fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added
<b>Unsuitable extinguishing media:</b>	Avoid water in straight hose stream; will scatter and spread fire.
<b>5.2 Special hazards arising from the substance or mixture:</b>	During fire, gases hazardous to health may be formed.
<b>5.3 Advice for firefighters</b>	
<b>Special fire-fighting procedures:</b>	Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.
<b>Special protective equipment for fire-fighters:</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Product name:** SILKOLENE FOAM FILTER OIL

**SECTION 6: Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. In case of spills, beware of slippery floors and surfaces. Keep away from sources of ignition - No smoking.
- 6.2 Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Prevent from spreading (e.g. by binding or oil barriers). Environmental manager must be informed of all major spillages. Do not allow to enter drainage system, surface or ground water.
- 6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.
- 6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.  
  
Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

**SECTION 7: Handling and storage:**

- 7.1 Precautions for safe handling:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges. Avoid contact with skin. Wash hands thoroughly after handling. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Prevent formation of aerosols. Observe good industrial hygiene practices. Provide adequate ventilation.
  - 7.2 Conditions for safe storage, including any incompatibilities:** Store locked up. Store in a well-ventilated place. Store in a cool place. Local regulations concerning handling and storage of waterpolluting products have to be followed. Do not heat up to temperatures close to the flash point.
  - 7.3 Specific end use(s):** Not applicable
- Storage Class:** 3, Flammable Liquids

**SECTION 8: Exposure controls/personal protection**

**8.1 Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Product name:** SILKOLENE FOAM FILTER OIL

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**8.2 Exposure controls**

**Appropriate engineering controls:** Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**General information:** Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

**Eye/face protection:** Safety glasses (EN 166) recommended during refilling. Avoid contact with eyes.

**Skin protection**

**Hand Protection:** Material: Nitrile butyl rubber (NBR).  
Min. Breakthrough time:  $\geq 480$  min  
Recommended thickness of the material:  $\geq 0,38$  mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Other:** Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

**Respiratory Protection:** Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.

**Thermal hazards:** Not known.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental Controls:** No data available.

**SECTION 9: Physical and chemical properties**

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

**Appearance**

**Physical state:** liquid  
**Form:** liquid  
**Color:** Dark green

**Product name:** SILKOLENE FOAM FILTER OIL

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<b>Odor:</b>	Characteristic
<b>pH:</b>	substance/mixture is non-soluble (in water)
<b>Freezing point:</b>	not determined
<b>Boiling Point:</b>	70 °C
<b>Flash Point:</b>	-20 °C
<b>Evaporation Rate:</b>	Not applicable for mixtures
<b>Flammability (solid, gas):</b>	not determined
<b>Flammability Limit - Upper (%)-:</b>	Not applicable for mixtures
<b>Flammability Limit - Lower (%)-:</b>	Not applicable for mixtures
<b>Vapor pressure:</b>	Not applicable for mixtures
<b>Relative vapor density:</b>	Not applicable for mixtures
<b>Density:</b>	0,80 g/cm <sup>3</sup> (20 °C)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable for mixtures
<b>Autoignition Temperature:</b>	not determined
<b>Decomposition Temperature:</b>	not determined
<b>Kinematic viscosity:</b>	10 mm <sup>2</sup> /s (40 °C)
<b>Explosive properties:</b>	Value not relevant for classification
<b>Oxidizing properties:</b>	Value not relevant for classification
<b>Particle characteristics:</b>	Not applicable
<b>9.2 Other information</b>	
<b>Minimum ignition temperature:</b>	> 200 °C

<b>SECTION 10: Stability and reactivity</b>
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<b>10.1 Reactivity:</b>	Stable under normal use conditions.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Stable under normal use conditions.
<b>10.4 Conditions to avoid:</b>	Heat, sparks, flames.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing substances. Strong acids. Strong bases.
<b>10.6 Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

<b>SECTION 11: Toxicological information</b>
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**Information on likely routes of exposure**

**Inhalation:** No data available.

**Product name:** SILKOLENE FOAM FILTER OIL

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**Ingestion:** No data available.

**Skin Contact:** Causes skin irritation.

**Eye contact:** No data available.

## 11.1 Information on toxicological effects

### Acute toxicity

#### Oral

**Product:** Not classified for acute toxicity based on available data. Not classified for acute toxicity based on available data.

#### Dermal

**Product:** Not classified for acute toxicity based on available data. Not classified for acute toxicity based on available data.

#### Inhalation

**Product:** Not classified for acute toxicity based on available data. Not classified for acute toxicity based on available data.

#### Skin Corrosion/Irritation:

**Product:** Based on available data, the classification criteria are met.

#### Serious Eye Damage/Eye Irritation:

**Product:** Based on available data, the classification criteria are not met.

#### Respiratory or Skin Sensitization:

**Product:** Skin sensitizer: Based on available data, the classification criteria are not met.  
Respiratory sensitizer: Based on available data, the classification criteria are not met.

#### Germ Cell Mutagenicity

**Product:** Based on available data, the classification criteria are not met.

#### Carcinogenicity

**Product:** Based on available data, the classification criteria are not met.

#### Reproductive toxicity

**Product:** Based on available data, the classification criteria are not met.

#### Specific Target Organ Toxicity - Single Exposure

**Product:** Based on available data, the classification criteria are met.

#### Specific Target Organ Toxicity - Repeated Exposure

**Product:** Based on available data, the classification criteria are not met.

#### Aspiration Hazard

**Product:** May be fatal if swallowed and enters airways.

**Product name:** SILKOLENE FOAM FILTER OIL

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**Other adverse effects:** No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Product:** Based on available data, the classification criteria are not met.

**Chronic Toxicity**

**Product:** Based on available data, the classification criteria are met.

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** Not applicable for mixtures

**12.3 Bioaccumulative potential**

**Product:** Not applicable for mixtures

**12.4 Mobility in soil:**

**Product:** Not applicable for mixtures

**12.5 Results of PBT and vPvB assessment:**

The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Other adverse effects:**

Toxic to aquatic life with long lasting effects.

**Water Hazard Class (WGK):**

WGK 1: slightly water-endangering.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**General information:**

Dispose in accordance with all applicable regulations.

**Disposal methods:**

Discharge, treatment, or disposal may be subject to national, state, or local laws.

**List of Waste (LoW) Codes**

14 06 03\*: other solvents and solvent mixtures

**Product name:** SILKOLENE FOAM FILTER OIL

**SECTION 14: Transport information**

**ADR/RID**

- 14.1 UN number or ID number: UN 1993
- 14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Naphtha (petroleum), hydrotreated light)
- 14.3 Transport Hazard Class(es)
  - Class: 3
  - Label(s): 3
  - Hazard No. (ADR): 33
  - Tunnel restriction code: (D/E)
- 14.4 Packing Group: II
- 14.5 Environmental hazards: Dangerous for the environment
- 14.6 Special precautions for user: –

**IMDG**

- 14.1 UN number or ID number: UN 1993
- 14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.(Naphtha (petroleum), hydrotreated light)
- 14.3 Transport Hazard Class(es)
  - Class: 3
  - Label(s): 3
  - EmS No.: F-E, S-E
- 14.3 Packing Group: II
- 14.5 Environmental hazards: Marine pollutant
- 14.6 Special precautions for user: –

**IATA**

- 14.1 UN number or ID number: UN 1993
- 14.2 Proper Shipping Name: Flammable liquid, n.o.s.(Naphtha (petroleum), hydrotreated light)
- 14.3 Transport Hazard Class(es):
  - Class: 3
  - Label(s): 3
- 14.4 Packing Group: II
- 14.5 Environmental hazards: Dangerous for the environment
- 14.6 Special precautions for user: –

**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:**

**GB Regulations**

**The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019:**  
none

**Product name:** SILKOLENE FOAM FILTER OIL

**The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020:**  
none

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

**DIRECTIVE Control of Major Accident Hazards Regulations 2015:**

The product falls into the scope of the Control of Major Accident Hazards Regulations 2015.

Hazard category in accordance with GB-CLP	Qualifying quantity for the application of Lower-tier requirements:	Qualifying quantity for the application of Upper-tier requirements:
P5c: P5c. Flammable liquids	5.000 t	50.000 t

**SECTION 16: Other information**

**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

- H225 Highly flammable liquid and vapor.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

**Other information:** The classification complies with the current GB lists; however, it has been supplemented with expert literature information and information provided by/about our company. The following evaluation methods were used: On the basis of test data; Calculation Method; Bridging Principle "Substantially similar mixtures"; Expert Judgement

**Revision Date:** 10.01.2023

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.