

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: FUCHS SILKUT SPRAY 1000

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

Identified uses: Lubricant Lubricant

Uses advised against: No uses advised against identified. 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

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

Aerosol	Category 1	H222: Extremely flammable aerosol. H229: Pressurized container: May burst if heated.
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Health Hazards

Toxic to reproduction	Effects on or via lactation	H362: May cause harm to breast-fed children.
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Environmental Hazards

Acute hazards to the aquatic environment	Category 1	H400: Very toxic to aquatic life.
Chronic hazards to the aquatic environment	Category 1	H410: Very toxic to aquatic life with long lasting effects.

Hazard summary

Physical Hazards: Flammable aerosol.

Product name: FUCHS SILKUT SPRAY 1000

2.2 Label Elements

Contains:

Chlorinated Paraffins, C14-17



Signal Words:

Danger

Hazard Statement(s):

H222: Extremely flammable aerosol.
H229: Pressurized container: May burst if heated.
H362: May cause harm to breast-fed children.
H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

P102: Keep out of reach of children.
P201: Obtain special instructions before use.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P263: Avoid contact during pregnancy and while nursing.
P273: Avoid release to the environment.

Storage:

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Disposal:

P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

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 of active ingredients with propellant

Product name: FUCHS SILKUT SPRAY 1000

Chemical name	Identifier	Concentration *	UK-REACH Registration No.	Notes
Chlorinated Paraffins, C14-17	EINECS: 287-477-0	25,00% - <50,00%		VPVB PBT **
Butane (<0,1% 1,3-butadiene)	EINECS: 203-448-7	10,00% - <20,00%		
Hydrocarbons, low viscous	EINECS: 918-167-1	1,00% - <10,00%		
Hydrocarbons, low viscosity	EINECS: 920-901-0	1,00% - <10,00%		

* 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.

** UK-REACH Candidate List of SVHC for authorisation

Classification

Chemical name	Identifier	Classification
Chlorinated Paraffins, C14-17	EINECS: 287-477-0	GBCLP: Aquatic Chronic 1;H410, Aquatic Acute 1;H400, Lact.;H362; M-Factor (aquatic acute): 100; M-Factor (aquatic chronic): 10
Butane (<0,1% 1,3-butadiene)	EINECS: 203-448-7	GBCLP: Flam. Gas 1A;H220, Press. Gas Compr. Gas;H280
Hydrocarbons, low viscous	EINECS: 918-167-1	GBCLP: Flam. Liq. 3;H226, Asp. Tox. 1;H304 EUH066
Hydrocarbons, low viscosity	EINECS: 920-901-0	GBCLP: Asp. Tox. 1;H304 EUH066

GB-CLP

SECTION 4: First aid measures

General: Instantly remove any clothing soiled by the product.

4.1 Description of first aid measures

Inhalation: Supply fresh air; consult doctor in case of symptoms.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids.

Skin Contact: Wash with soap and water.

Ingestion: Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: Dizziness Freeze burns

4.3 Indication of any immediate medical attention and special treatment needed Get medical attention if symptoms occur.

SECTION 5: Firefighting measures

Product name: FUCHS SILKUT SPRAY 1000

5.1 Extinguishing media

Suitable extinguishing media:

CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

Unsuitable extinguishing media:

Water with a full water jet.

5.2 Special hazards arising from the substance or mixture:

Danger of explosion with aerosol cans.

5.3 Advice for firefighters

Special fire-fighting procedures:

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.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Not required.

6.2 Environmental Precautions:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

6.3 Methods and material for containment and cleaning up:

Scrape up spillage or absorb with absorbing material. Stop the flow of material, if this is without risk. Dispose of the material collected according to regulations.

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.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling:

Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact during pregnancy and while nursing. Obtain special instructions before use. Wash hands thoroughly after handling. Avoid contact with flame and heat source, prevent contact with direct sunlight Use only in well-ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Local regulations concerning handling and storage of waterpolluting products have to be followed. Local regulations for the storage and handling of aerosol cans and flammable liquids have to be kept. Keep away from heat/sparks/hot surfaces. - No smoking.

7.3 Specific end use(s):

Not applicable

Storage Class:

2 B, Aerosols

Product name: FUCHS SILKUT SPRAY 1000

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Butane (<0,1% 1,3-butadiene)	TWA	600 ppm 1.450 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Butane (<0,1% 1,3-butadiene)	STEL	750 ppm 1.810 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)

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.

Eyeface protection:

Safety glasses (EN 166) recommended during refilling. Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield. Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.

Skin protection

Hand Protection:

Material: Nitrile butyl rubber (NBR).
Min. Breakthrough time: ≥ 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.

Product name: FUCHS SILKUT SPRAY 1000

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:	Aerosol
Form:	Aerosol
Color:	Yellow
Odor:	Characteristic
pH:	substance/mixture is non-soluble (in water)
Freezing point:	not determined
Boiling Point:	not determined
Flash Point:	Value not relevant for classification
Evaporation Rate:	Not applicable for mixtures
Flammability (solid, gas):	not determined
Explosion Limit - Upper (%):	Not applicable for mixtures
Explosion Limit - Lower (%):	Not applicable for mixtures
Vapor pressure:	Not applicable for mixtures
Relative vapor density:	Not applicable for mixtures
Density:	0,87 g/cm ³ (15 °C)
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	Not applicable for mixtures
Auto-ignition temperature:	not determined
Decomposition Temperature:	not determined
Flow time	Value not relevant for classification
Explosive properties:	Value not relevant for classification
Oxidizing properties:	Value not relevant for classification
Particle characteristics:	Not applicable
9.2 Other information	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	Stable under normal use conditions.
10.2 Chemical Stability:	Stable under normal use conditions.
10.3 Possibility of hazardous reactions:	Stable under normal use conditions.
10.4 Conditions to avoid:	Stable under normal use conditions.

Product name: FUCHS SILKUT SPRAY 1000

10.5 Incompatible Materials: Strong oxidizing substances. Strong acids. Strong bases.

10.6 Hazardous Decomposition Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Oral

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

Specified substance(s)

Hydrocarbons, low viscous LD 50 (Rat): > 5.001 mg/kg

Hydrocarbons, low viscosity LD 50 (Rat): > 10.000 mg/kg

Dermal

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

Specified substance(s)

Hydrocarbons, low viscous LD 50 (Rabbit): > 5.001 mg/kg

Inhalation

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

Specified substance(s)

Butane (<0,1% 1,3-butadiene) LC 50 (Rat, 4 h): 658 mg/l Gas

Hydrocarbons, low viscosity LC 50 (Rat, 4 h): > 5 mg/l

Skin Corrosion/Irritation:

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

Product name: FUCHS SILKUT SPRAY 1000

Reproductive toxicity

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

Specific Target Organ Toxicity - Single Exposure

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

Specific Target Organ Toxicity - Repeated Exposure

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

Aspiration Hazard

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

Other adverse effects: No data available.

SECTION 12: Ecological information

General information: Not applicable

12.1 Toxicity

Acute toxicity

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

Fish

Specified substance(s)

Chlorinated Paraffins,
C14-17 LC 50 (Fish, 96 h): > 5.001 mg/l

Hydrocarbons, low vis-
cous LC 50 (Fish, 96 h): > 1.001 mg/l

Hydrocarbons, low vis-
cosity LC 50 (Fish, 96 h): > 101 mg/l

Aquatic Invertebrates

Specified substance(s)

Chlorinated Paraffins,
C14-17 EC 50 (Water Flea, 48 h): 0,006 mg/l

Hydrocarbons, low vis-
cous EC 50 (Water Flea, 48 h): > 1.001 mg/l

Chronic Toxicity

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

Aquatic Invertebrates

Specified substance(s)

Chlorinated Paraffins,
C14-17 NOEC (Daphnia magna, 21 d): 0,01 mg/l

12.2 Persistence and Degradability

Biodegradation

Product: Not applicable for mixtures

Product name: FUCHS SILKUT SPRAY 1000

Specified substance(s)

Hydrocarbons, low viscosity

31 % (28 d, OECD 301F) Not readily degradable.

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:

Chlorinated Paraffins, C14-17

Fulfilling vPvB criteria

Chlorinated Paraffins, C14-17

Fulfilling PBT (persistent/bioaccumulative/toxic) criteria

Chlorinated Paraffins, C14-17

Fulfilling vPvB criteria

Chlorinated Paraffins, C14-17

Fulfilling PBT (persistent/bioaccumulative/toxic) criteria

12.6 Other adverse effects:

Very toxic to aquatic life with long lasting effects.

Water Hazard Class (WGK):

WGK 2: significantly water-endangering. WGK 3: severely 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. Do not allow to enter drains, sewers or watercourses.

List of Waste (LoW) Codes

16 05 04*: Gases in pressure containers (including halons) containing hazardous substances.

SECTION 14: Transport information

ADR/RID

14.1 UN number or ID number:

UN 1950

14.2 UN Proper Shipping Name:

AEROSOLS

14.3 Transport Hazard Class(es)

Class:

2

Label(s):

2.1

Hazard No. (ADR):

—

Tunnel restriction code:

(D)

14.4 Packing Group:

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14.5 Environmental hazards:

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Product name: FUCHS SILKUT SPRAY 1000

14.6 Special precautions for user: –

IMDG

14.1 UN number or ID number: UN 1950
 14.2 UN Proper Shipping Name: AEROSOLS
 14.3 Transport Hazard Class(es)
 Class: 2.1
 Label(s): 2.1
 EmS No.: F-D, S-U
 14.3 Packing Group: –
 14.5 Environmental hazards: –
 14.6 Special precautions for user: –

IATA

14.1 UN number or ID number: UN 1950
 14.2 Proper Shipping Name: Aerosols, flammable
 14.3 Transport Hazard Class(es):
 Class: 2.1
 Label(s): 2.1
 14.4 Packing Group: –
 14.5 Environmental hazards: –
 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

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

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

Product name: FUCHS SILKUT SPRAY 1000

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:
P3a: P3a. Flammable aerosols	150 t	500 t
E1: E1. Hazardous to the aquatic environment	100 t	200 t
E1: E1. Hazardous to the aquatic environment	100 t	200 t
P3a: P3a. Flammable aerosols	150 t	500 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

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapor.
H229	Pressurized container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H362	May cause harm to breast-fed children.
H400	Very toxic to aquatic life.
H410	Very 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: 07.10.2024

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.