

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Drahtseilfluid - Spray**

Revision date: 19.06.2018

Product code: 718600

Page 1 of 10

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Drahtseilfluid - Spray

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

lubricant

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

Company name: Eurolub GmbH

Street: Freisinger Str. 25 - 27

Place: D-85386 Eching

Telephone: +49 (0) 8165 / 9591-0

Telefax: +49 (0) 8165 / 9591-20

e-mail: info@eurolub.com

Internet: www.eurolub.com

Responsible Department:

**1.4. Emergency telephone number:** +49(0) 8165/9591-0 (during office hours)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Aerosol: Aerosol 1

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics

propane

butane

**Signal word:** Danger**Pictograms:****Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

**Precautionary statements**

P210 Keep away from heat. No Smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P271 Use only outdoors or in a well-ventilated area.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P501 Dispose of contents/container to in accordance with local/regional/national/international

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Drahtseilfluid - Spray

Revision date: 19.06.2018

Product code: 718600

Page 2 of 10

regulation.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
106-97-8	butane			35 - < 40 %
	203-448-7		01-2119474691-32-	
	Flam. Gas 1, Liquefied gas; H220 H280			
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics			15 - < 20 %
	927-241-2		01-2119471843-32-	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412 EUH066			
74-98-6	propane			15 - < 20 %
	200-827-9		01-2119486944-21-	
	Flam. Gas 1, Liquefied gas; H220 H280			

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

No information available.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Drahtseilfluid - Spray**

Revision date: 19.06.2018

Product code: 718600

Page 3 of 10

**Suitable extinguishing media**Water spray jet, Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**Extremely flammable aerosol. Vapours can form explosive mixtures with air. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation. High slip hazard because of leaking or spilled product.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Do not pierce or burn, even after use.

**Advice on protection against fire and explosion**

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep/Store only in original container.

**Advice on storage compatibility**

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances.

**Further information on storage conditions**

Recommended storage temperature: at room temperature

**7.3. Specific end use(s)**

lubricant

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Drahtseilfluid - Spray

Revision date: 19.06.2018

Product code: 718600

Page 4 of 10

### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

### 8.2. Exposure controls



#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

#### Eye/face protection

Wear eye protection/face protection. Suitable eye protection: Eye glasses with side protection (DIN EN 166)

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: NBR (Nitrile rubber). FKM (fluororubber). penetration time (maximum wearing period): 480 min.

#### Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection. Suitable respiratory protection apparatus:

Combination filtering device (EN 14387) A-P2

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

## SECTION 9: Physical and chemical properties

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

Physical state:	Aerosol
Colour:	green brown
Odour:	like: Petroleum:
pH-Value:	not determined

#### Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	< -20 °C
Flash point:	< -20 °C

#### Flammability

Solid:	not applicable
Gas:	not applicable

#### Explosive properties

none

Lower explosion limits:	0,8 vol. %
Upper explosion limits:	10,8 vol. %

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Drahtseilfluid - Spray**

Revision date: 19.06.2018

Product code: 718600

Page 5 of 10

Ignition temperature: 365 °C

**Auto-ignition temperature**

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Not oxidising.

Vapour pressure: not determined

Density (at 20 °C): 0,64 g/cm³

Water solubility: The study does not need to be conducted  
because the substance is known to be  
insoluble in water.**Solubility in other solvents**

Petroleum:

Partition coefficient: not determined

Viscosity / kinematic:  
(at 20 °C) not applicable

Vapour density: not determined

Evaporation rate: not determined

**9.2. Other information**

Solid content: not determined

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Extremely flammable aerosol.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

In case of fire: Carbon monoxide. Carbon dioxide.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Drahtseilfluid - Spray

Revision date: 19.06.2018

Product code: 718600

Page 6 of 10

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rabbit		

**Irritation and corrosivity**

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

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**SECTION 12: Ecological information****12.1. Toxicity**

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
106-97-8	butane					
	Acute fish toxicity	LC50 49,9 mg/l	96 h	Fish, no other information	United States Enviro	The Ecosar class pro
	Acute algae toxicity	ErC50 19,37 mg/l	96 h	Algae	USEPA OPPT Risk Asse	Calculation using EC
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
	Fish toxicity	NOEC >0,1 - <= 1,0 mg/l				
	Crustacea toxicity	NOEC >0,1 - <= 1,0 mg/l				
74-98-6	propane					
	Acute fish toxicity	LC50 147,54 mg/l	96 h	Fish, no other information	United States Enviro	The Ecosar class pro
	Acute algae toxicity	ErC50 16,47 mg/l	96 h	Green algae	United States Environmental Protection A	Calculation using ECOSAR Program v1.00.
	Acute crustacea toxicity	EC50 46,6 mg/l	48 h	Daphnid no other information.	United States Environmental Protection A	Calculation using ECOSAR Program v1.00

**12.2. Persistence and degradability**

Biological degradation: Product is biodegradable with difficulty.

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Drahtseilfluid - Spray

Revision date: 19.06.2018

Product code: 718600

Page 7 of 10

## Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	1,81
	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	4-5,7
74-98-6	propane	1,81

**12.4. Mobility in soil**

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.

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

The product has not been tested.

**12.6. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Waste disposal number of waste from residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**Waste disposal number of used product**

130208 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; other engine, gear and lubricating oils; hazardous waste

**Contaminated packaging**

Completely emptied packages can be recycled. Dispose of waste according to applicable legislation. Delivery to an approved waste disposal company.

**SECTION 14: Transport information****Land transport (ADR/RID)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Transport category: 2  
Tunnel restriction code: D

**Other applicable information (land transport)**

E0

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Drahtseilfluid - Spray

Revision date: 19.06.2018

Product code: 718600

Page 8 of 10

### Inland waterways transport (ADN)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.1

Classification code: 5F  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L



**Other applicable information (inland waterways transport)**  
 E0

### Marine transport (IMDG)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1

Special Provisions: 63, 190, 277, 327, 344, 959  
 Limited quantity: 1000 mL  
 EmS: F-D, S-U



**Other applicable information (marine transport)**  
 E0

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, flammable  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1

Special Provisions: A145 A167 A802  
 Limited quantity Passenger: 30 kg G

IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg



**Other applicable information (air transport)**

E0  
 Y203

### 14.5. Environmental hazards



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Drahtseilfluid - Spray**

Revision date: 19.06.2018

Product code: 718600

Page 9 of 10

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

Warning: Flammable gases.

**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****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: butane; isobutane

2010/75/EU (VOC): 76,581% (490,119 g/l)

2004/42/EC (VOC): 76,871% (491,974 g/l)

Information according to 2012/18/EU (SEVESO III): P3a FLAMMABLE AEROSOLS

**Additional information**

To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC , 2008/47/EC

Aerosol directive (75/324/EEC).

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 1 - slightly water contaminating

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,11,15.

This data sheet contains changes from the previous version in section(s): 2.

**Abbreviations and acronyms**ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Relevant H and EUH statements (number and full text)**

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H226 Flammable liquid and vapour.

H229 Pressurised container: May burst if heated.

H280 Contains gas under pressure; may explode if heated.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Drahtseilfluid - Spray**

Revision date: 19.06.2018

Product code: 718600

Page 10 of 10

H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.