Safety Data Sheet

according to Regulation (EC) No 1907/2006

CLASSIC SILIKON SPRAY (5901426)

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

1.1. Product identifier

CLASSIC SILIKON SPRAY (5901426)

UFI: D8W2-406D-W00R-2UUP

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

Use of the substance/mixture

Lubricant, lubrifiants and release products

Uses advised against

Do not use in cavities.

1.3. Details of the supplier of the safety data sheet

Company name:	CLASSIC Schmierstoff GmbH & Co. KG
Street:	Lange Straße 100 - 106
Place:	D-27318 Hoya
Telephone:	+49 4251 812-0
E-mail:	products@classic-oil.de
Internet:	https://classic-oil.de/
Responsible Department:	Productmanagement

1.4. Emergency telephone number:

24-hour emergency contact number : +1 872 5888271 (CSG)

Further Information

Restricted to professional users. Follow the instructions for use on the label. To avoid risks to man and the environment, comply with the instructions for use.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aerosol 1; H222-H229
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Danger

Pictograms:

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

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.
P273	Avoid release to the environment.

P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to according to local / regional / national / international regulations for disposal.

Additional advice on labelling

Classification according to Regulation (EC) No 1272/2008 [CLP]
product GCL: The method of classification of the mixture is based on the components of the mixture: Additivity formula H315: C>10 % (3.2.3); H336: C>20 % (3.8.3) =>not applicable

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:

Hazard statements

H222-H229-H412

Precautionary statements

P210-P211-P251-P410+P412

2.3. Other hazards

Wear suitable protective clothing, gloves and eye/face protection.
In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances listed below with nonhazardous additions:

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
106-97-8	Butane (<0.1% butadiene (EINECS 203-450-8)) + CAS 75-28-5			<= 60 %
	203-448-7	601-004-00-0	01-2119474691-32	
	Flam. Gas 1, Press. Gas (Comp.); H220 H280			
74-98-6	propane			<= 30 %
	200-827-9	601-003-00-5	01-2119486944-21	
	Flam. Gas 1, Press. Gas (Comp.); H220 H280			
	Naphtha, hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes			0 - 7 %
	927-510-4		01-2119475515-33	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
	Naphtha (petroleum), Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			0 - < 5 %
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
	Hydrocarbons, C6, isoalkanes, <5% n-hexane			0 - 5 %
	931-254-9		01-2119484651-34	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
110-54-3	N-hexane			<= 0,3 %
	203-777-6	601-037-00-0	01-2119480412-44	
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H361f H315 H336 H373 H304 H411			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
106-97-8	203-448-7	Butane (<0.1% butadiene (EINECS 203-450-8)) + CAS 75-28-5	<= 60 %
	inhalation: LC50 = 50 - 658 mg/l (dusts or mists); dermal: LD50 = 5000 mg/kg; oral: LD50 = 5000 mg/kg		
74-98-6	200-827-9	propane	<= 30 %
	inhalation: LC50 = > 20 mg/l (dusts or mists)		
	927-510-4	Naphtha, hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	0 - 7 %
	inhalation: LC50 = > 23,3 mg/l (vapours); inhalation: LC50 = > 25,2 mg/l (dusts or mists); dermal: LD50 = > 2800 - 3100 mg/kg; oral: LD50 = > 5840 mg/kg		
	921-024-6	Naphtha (petroleum), Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	0 - < 5 %
	inhalation: LC50 = > 25,2 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg; oral: LD50 = > 5840 mg/kg		
	931-254-9	Hydrocarbons, C6, isoalkanes, <5% n-hexane	0 - 5 %
	inhalation: LC50 = 73860 mg/l (vapours); inhalation: LC50 = > 200 mg/l (dusts or mists); dermal: LD50 = > 3000 mg/kg; oral: LD50 = > 5000 mg/kg		
110-54-3	203-777-6	N-hexane	<= 0,3 %
	inhalation: LC50 = 73860 mg/l (vapours); inhalation: LC50 = 50 mg/l (dusts or mists); dermal: LD50 = 5000 mg/kg; oral: LD50 = 5000 mg/kg STOT RE 2; H373: >= 5 - 100		

Further Information

CLP Regulation (EC) No 1272/2008, as last amended by Regulation (EU) 2021/1962: Classification is based on general concentration limits of the components.
H315: C > 10 % (3.2.3.3.6)
H336: C > 20 % (3.8.3.4.5)
Based on available data, the classification criteria are not met.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! In all cases of doubt, or when symptoms persist, seek medical advice. Remove contaminated, saturated clothing immediately. Remove persons to safety. Keep away from unprotected people. Keep upwind. Ventilate affected area.

After inhalation

Provide fresh air. Remove casualty to fresh air and keep warm and at rest. Transport affected person in lying position, in case of shortness of breath in half-sitting position. Seek medical attention if problems persist.

After contact with skin

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water.Remove contaminated clothing immediatley and dispose off safely. Seek medical attention if problems persist.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eyelids open. Protect the injured eye. Rinse also under the lid of the eyelid. Seek medical attention if problems persist.

After ingestion

No usual way of intake because of aerosol.
If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.

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

The following symptoms may occur: difficulties of breathing. Headache. Dizziness. Dizziness. Coughing. Nausea. vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Vapours may form explosive mixtures with air. In case of fire and/or explosion do not breathe fumes.
In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO2). Organic cracking products. aldehydes.

5.3. Advice for firefighters

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

Additional information

Contaminated fire-fighting water must be collected separately. Co-ordinate fire-fighting measures to the fire surroundings.
Dispose of fire residues and extinguishing water in accordance with official regulations.

Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Wear personal protection equipment. Take off immediately all contaminated clothing. Special danger of slipping by leaking/spilling product.

For non-emergency personnel

Remove persons to safety. Keep away from unprotected people. Keep upwind.

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment

Cover drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal.

Other information

Ventilate affected area.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal. Disposal: see section 13.
Safe handling: see section 7. Personal protection equipment: see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Do not use in cavities. Keep away from sources of ignition - No smoking. Flammable vapours can accumulate in head space of closed systems. Avoid contact with skin and eyes. Do not breathe gas/vapour/aerosol. Special danger of slipping by leaking/spilling product.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapours may form explosive mixtures with air. Remove all sources of ignition. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Heating causes rise in pressure with risk of bursting.

Advice on general occupational hygiene

Work in well-ventilated zones or use proper respiratory protection. Do not eat, drink, smoke or sneeze at the workplace.
Wash hands before breaks and after work. Restore grease film of the skin after cleansing by using a fat cream to prevent dermatitis.
Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

Further information on handling

Heating causes rise in pressure with risk of bursting.
After use replace the closing cap immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

The official regulations for the storage of compressed gas packages must be observed.

Hints on joint storage

Do not store together with: Food and feedingstuffs, Water.
Keep away from: Oxidising agent, strong

Further information on storage conditions

Protect against: heat. UV-radiation/sunlight. frost. moisture.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

Lubricant, lubrifiants and release products. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m³	fib/cm³	Category	Origin
110-54-3	n-Hexane	20	72		TWA (8 h)	

DNEL/DMEL values

CAS No	Name of agent		
DNEL type	Exposure route	Effect	Value
	Naphtha, hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes		
Worker DNEL, long-term	inhalation	systemic	2085 mg/m³
Worker DNEL, long-term	dermal	systemic	300 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	447 mg/m³
Consumer DNEL, long-term	dermal	systemic	149 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	149 mg/kg bw/day
	Naphtha (petroleum), Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
Worker DNEL, long-term	inhalation	systemic	2035 mg/m³
Worker DNEL, long-term	dermal	systemic	773 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	608 mg/m³
Consumer DNEL, long-term	dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	699 mg/kg bw/day
	Hydrocarbons, C6, isoalkanes, <5% n-hexane		
Worker DNEL, long-term	inhalation	systemic	5306 mg/m³
Worker DNEL, long-term	dermal	systemic	13964 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	1131 mg/m³
Consumer DNEL, long-term	dermal	systemic	1377 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	1301 mg/kg bw/day
110-54-3	N-hexane		
Worker DNEL, long-term	inhalation	systemic	75 mg/m³
Worker DNEL, long-term	dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	16 mg/m³
Consumer DNEL, long-term	dermal	systemic	5,3 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	4 mg/kg bw/day

Additional advice on limit values

The lists valid during the making were used as basis.

8.2. Exposure controls






Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations. Have eye showers and safety shower ready. Provide earthing of containers, equipment, pumps and ventilation facilities.

Individual protection measures, such as personal protective equipment

Eye/face protection

Eye protection: not required.
Recommendation: Tightly sealed safety glasses. EN 166

Hand protection

Tested protective gloves are to be worn: EN ISO 374

Hand protection: NBR (Nitrile rubber).
Thickness of glove material: >= 0,35 mm
penetration time (maximum wearing period): >= 240 min
Breakthrough times and swelling properties of the material must be taken into consideration.
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.
Observe the wear time limits as specified by the manufacturer.

Skin protection

Protective clothing: Body protection must be selected depending on the activity and possible impact.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protective equipment: Self-contained respirator (breathing apparatus).

Thermal hazards

Extremely flammable aerosol. Pressurized container: May burst if heated.

Environmental exposure controls

Discharge into the environment must be avoided. Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol	
Colour:		
Odour:	like: Benzine	
Odour threshold:	not determined	
Melting point/freezing point:		Not applicable, aerosol
Boiling point or initial boiling point and boiling range:		- 42 °C
Flammability:		not determined
Lower explosion limits:		1,1 vol. %
Upper explosion limits:		9,5 vol. %
Flash point:		-20 °C
Auto-ignition temperature:		> 200 °C
Decomposition temperature:		not determined
pH-Value:		not determined
Viscosity / kinematic:		not determined
Water solubility:		Immiscible
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Vapour pressure:		not determined
Density (at 20 °C):		ca. 0,65 g/cm³
Relative vapour density:		not determined

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

not Explosive.

In use, may form flammable/explosive vapour-air mixture.

Self-ignition temperature

Solid:	not determined
Gas:	> 200 °C

Oxidizing properties

not determined

Other safety characteristics

Evaporation rate:	not determined
Solvent content:	93,10 %
Solid content:	0,0 %
Viscosity / dynamic:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Ignition hazard. frost. Protect from direct sunlight. Do not store at temperatures over: 50 °C. Heating causes rise in pressure with risk of bursting.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.
In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO2). Organic cracking products. aldehydes.

Further information

In case of exceeding the storage temperature: >50°C Danger of bursting container.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicocinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
106-97-8	Butane (<0.1% butadiene (EINECS 203-450-8)) + CAS 75-28-5				
	oral	LD50 5000 mg/kg	Rat (Rattus).	MSDS	
	dermal	LD50 5000 mg/kg	Rabbit	MSDS	
	inhalation (4 h) dust/mist	LC50 50 - 658 mg/l	Rat (Rattus).	MSDS	
74-98-6	propane				
	inhalation (4 h) dust/mist	LC50 > 20 mg/l	Rat (Rattus).	MSDS	
	Naphtha, hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes				
	oral	LD50 > 5840 mg/kg	Rat (Rattus).	SDS	
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalation (4 h) vapour	LC50 > 23,3 mg/l	Rat	Study report (1988)	OECD Guideline 403
	inhalation (4 h) dust/mist	LC50 > 25,2 mg/l	Rat (Rattus).	SDS	
	Naphtha (petroleum), Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
	oral	LD50 > 5840 mg/kg	Rat (Rattus).	ECHA	Standard acute method
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de
	inhalation (4 h) vapour	LC50 > 25,2 mg/l	Rat	Study report (1988)	Group of rats were exposed to test subst
	Hydrocarbons, C6, isoalkanes, <5% n-hexane				
	oral	LD50 > 5000 mg/kg	Rat (Rattus).	ECHA	OECD 401
	dermal	LD50 > 3000 mg/kg	Albino rabbit	ECHA	OECD 402
	inhalation (4 h) vapour	LC50 73860 mg/l	Rat	Industrial Medicine, Vol. 39, No. 5, May	OECD Guideline 403
	inhalation (4 h) dust/mist	LC50 > 200 mg/l	Rat (Rattus).	ECHA	OECD 403
110-54-3	N-hexane				
	oral	LD50 5000 mg/kg	Rat (Rattus).	MSDS	
	dermal	LD50 5000 mg/kg	Rabbit	MSDS	
	inhalation (4 h) vapour	LC50 73860 mg/l	Rat	Industrial Medicine, Vol. 39, No. 5, May	OECD Guideline 403
	inhalation (4 h) dust/mist	LC50 50 mg/l	Rat (Rattus).	MSDS	

Irritation and corrosivity

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

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

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.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.
Leakage into the environment must be prevented.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
106-97-8	Butane (<0.1% butadiene (EINECS 203-450-8)) + CAS 75-28-5						
	Acute fish toxicity	LC50	49,9 mg/l	96 h	Fish, no other information	United States Environmental Protection A	The Ecosar class program has been develo
	Acute algae toxicity	ErC50	19,37 mg/l	96 h	algae	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.
	Acute crustacea toxicity	EC50	69,43 mg/l	48 h	Daphnia sp.	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.
74-98-6	propane						
	Acute fish toxicity	LC50	49,9 mg/l	96 h	Fish, no other information	United States Environmental Protection A	The Ecosar class program has been develo
	Acute algae toxicity	ErC50	19,37 mg/l	96 h	algae	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.
	Acute crustacea toxicity	EC50	69,43 mg/l	48 h	Daphnia sp.	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.
	Naphtha, hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes						
	Acute algae toxicity	ErC50	12 mg/l	72 h	Pseudokirchneriella subcapitata	SIDS Initial Assessment Report For SIAM	OECD Guideline 201
	Fish toxicity	NOEC	1,534 mg/l	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
	Naphtha (petroleum), Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane						
	Acute fish toxicity	LL50	11,4 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	CEFIC 1995	OECD 203
	Acute algae toxicity	ErC50	10 - 30 mg/l	72 h	Pseudokirchneriella subcapitata	Study report (1995)	OECD Guideline 201
	Acute crustacea toxicity	EL50	3 mg/l	48 h	Daphnia magna (Big water flea)	Shell 1994	OECD 202
	Fish toxicity	NOEC	2,045 mg/l	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
	Hydrocarbons, C6, isoalkanes, <5% n-hexane						
	Acute algae toxicity	ErC50	13,56 mg/l	72 h	Pseudokirchneriella subcapitata	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Acute crustacea toxicity	EL50	31,9 mg/l	48 h	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
110-54-3	N-hexane						
	Acute fish toxicity	LC50	2,5 mg/l	96 h	Pimephales promelas	Geiger et al. 1990	

	Acute algae toxicity	ErC50 mg/l	9,285	72 h	Pseudokirchneriella subcapitata	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Acute crustacea toxicity	EC50 mg/l	21,85	48 h	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Fish toxicity	NOEC	2,8 mg/l	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC mg/l	4,888	21 d	Daphnia magna	CONCAWE, Brussels, Belgium (2009)	The aquatic toxicity was estimated by a

12.2. Persistence and degradability

No data available

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	Naphtha, hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes			
	OECD 301F	98 %	28	Shell 1997
	Readily biodegradable (according to OECD criteria).			
	Naphtha (petroleum), Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
	OECD 301F	98 %	28	ECHA
	oxygen consumption	83 %	16	ECHA
	Hydrocarbons, C6, isoalkanes, <5% n-hexane			
	OECD 301F	98 %	28	ECHA
	Readily biodegradable (according to OECD criteria).			
	OECD 301F	83 %	10	ECHA
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

No further relevant information available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	Butane (<0.1% butadiene (EINECS 203-450-8)) + CAS 75-28-5	1,09 - 2,89
74-98-6	propane	2,31
	Hydrocarbons, C6, isoalkanes, <5% n-hexane	3,6
110-54-3	N-hexane	4

BCF

CAS No	Chemical name	BCF	Species	Source
	Naphtha (petroleum), Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	242 - 253		SDS
	Hydrocarbons, C6, isoalkanes, <5% n-hexane	501,187	Pimephales promelas	QSAR in Environmenta
110-54-3	N-hexane	501,187	Pimephales promelas	QSAR in Environmenta

12.4. Mobility in soil

The product is water insoluble. Do not allow to enter into soil/subsoil.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Harmful to aquatic life with long lasting effects.
Danger to drinking water if even small quantities leak into the ground.

Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations. Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
hazardous to water (WGK 2)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Consult the appropriate authorities about waste disposal. Dispose of waste according to applicable legislation. Must not be disposed together with household garbage. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Only take completely empty aerosol cans to the recycling collection. Return cans that are not completely empty to the collection point for household chemicals.

List of Wastes Code - 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

List of Wastes Code - used product

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

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Non-contaminated packages may be recycled. Recycle sales packaging via DSD (Duales System Deutschland).

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID 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
Excepted quantity:	E0
Transport category:	2
Tunnel restriction code:	D

Inland waterways transport (ADN)

14.1. UN number or ID 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
Excepted quantity:	E0

Marine transport (IMDG)

14.1. UN number or ID 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

Marine pollutant:	Nein
Special Provisions:	63, 190, 277, 327, 344, 381,959
Limited quantity:	1000 mL
Excepted quantity:	E0
EmS:	F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID 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
Passenger LQ:	Y203
Excepted quantity:	E0
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning

14.7. Maritime transport in bulk according to IMO instruments

No data available

Other applicable information

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

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 3, Entry 40, Entry 75

Directive 2004/42/EC on VOC in paints and varnishes:	ca. 93 % (ca. 530 g/l)
Information according to Directive 2012/18/EU (SEVESO III):	P3a FLAMMABLE AEROSOLS

Additional information

REACH Regulation (EC) No 1907/2006, as last amended by Commission Regulation (EU) 2022/586
CLP Regulation (EC) No 1272/2008, as last amended by Regulation (EU) 2021/1962
In the following under "NK" all volatile organic substances are quantitatively summed up, which according to chapter 5.2.5 of the TA-Luft are neither Class I nor Class II.

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water hazard class (D):	2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Flam. Gas: Flammable gases
Aerosol: Aerosols
Press. Gas (Comp.): Compressed gas
Flam. Liq: Flammable liquid
Asp. Tox: Aspiration hazard
Skin Irrit: Skin irritation
Repr: Reproductive toxicity
STOT SE: Specific target organ toxicity - single exposure
STOT RE: Specific target organ toxicity - repeated exposure
Aquatic Chronic: Chronic aquatic hazard
For abbreviations and acronyms, see table at http://abbrev.esdscom.eu
ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße) IMDG: International Maritime Code for Dangerous Goods (Internationaler Seeschifffahrtscode für gefährliche Güter) IATA: International Air Transport Association (Internationaler Luftverkehrsverband) GHS: Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien EINECS: Europäisches Verzeichnis der auf dem Markt vorhandenen chemischen Stoffe ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service LC50: Tödliche Konzentration, 50% LD50: Tödliche Dosis, 50%

Key literature references and sources for data

Information from our suppliers as well as data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used for the preparation of this safety data sheet. Other sources:
Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.
Guidance on the compilation of safety data sheets as amended (ECHA).

Guidance on labelling and packaging under Regulation (EC) No 1272/2008 (CLP) as amended (ECHA).
Safety data sheets of the ingredients.
ECHA homepage - Information on chemicals.
GESTIS substance database (Germany).
Federal Environment Agency "Rigoletto" - Information page on water-polluting substances (Germany).
EU occupational exposure limit values Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831 as amended.
National occupational exposure limit value lists of the respective countries in the respective valid version.
Regulations on the transport of dangerous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. This information is intended to give you indications for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Lubricants, greases, release products, Industrial spraying, Non industrial spraying	-	3, 22	24	7, 11	-	-	-	Aerosol

LCS: Life cycle stages
SU: Sectors of use
PC: Product categories
PROC: Process categories
ERC: Environmental release categories
AC: Article categories
TF: Technical functions

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)