



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Silicone Spray

01. Identification of the substance/preparation and of the company/undertaking

Product name

Silicone Spray

Use of the substance / preparation

silicone lubricant

Manufacturer/Supplier

SCT-Vertriebs GmbH
Wedel/Hamburg

Street/P.O.Box

Feldstrasse 154

Country code/Postal code/Town/City

22880 Wedel

Contact

email: info@sct-germany.de

Emergency information

+49 4103 1211 0 (08:00 - 17:00 h)

02. Composition/information on ingredients

To people

See point 11 and 15.

Preparation is classified as hazardous in the sense of directive 1999/45/EC.

Product is extremely flammable.

When using: development of explosive vapour/air mixture possible.

Danger of bursting (explosion) when heated

To the environment

See point 12.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

03. Hazard identification

Chemical content%	Symbol	R-phrases	EINECS, CAS
	Registration number(ECHA)	Classification categories	
Naptha (petroleum), hydroreated light			
2,5-10	F/Xn/Xi/N	11-38-51-53-65-67	265-151-9

04. First-aid measures

4.1 Inhalation

Remove person from danger area

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

Respiratory arrest - Artificial respiration apparatus necessary.

Symptoms: Fatigue, Coordination disorders

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Remove contact lenses. Consult medical specialist. Symptoms: Watering eyes; Irritation of the eyes

4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult

doctor. Symptoms: Irritation of the skin.

4.4 Ingestion

Typically no exposure pathway. Rinse the mouth thoroughly with water. Immediate admittance to a hospital.

Symptoms: Headaches, Nausea

4.5 Special resources necessary for first aid

n.c.



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05. Fire-fighting measures

5.1 Suitable extinguishing media

CO2 Sand Extinction powder Water jet spray Cool container at risk with water.

5.2 Extinguishing media which shall not be used for safety reasons

High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop: Oxides of carbon; Toxic pyrolysis products.

Danger of explosion by prolonged heating.

Explosive vapour/air mixture

5.4 Special protective equipment for fire-fighters

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply.

According to size of fire. Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

06. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

6.2 Environmental precautions

Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous.

Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods for cleaning up

If spray or gas escapes, ensure ample fresh air is available.

Active substance:

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr) and dispose of according to point 13.

07. Handling and storage

7.1 Handling

Tips for safe handling:

See point 6.1

Ensure good ventilation. Do not use the product in enclosed spaces. Keep away from sources of ignition - Do not smoke.

Do not use on hot surfaces. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Wash hands before breaks and at end of work. Observe directions on label and instructions for use.

Use working methods according to operating instructions.

7.2. Storage

Requirements for storage rooms and

containers:

Not to be stored in gangways or stair wells. Store product closed and only in original packing. Observe special regulations for aerosols!

Special storage conditions:

See point 10

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

Keep protected from direct sunlight and temperatures over 50°C.

Store in a well ventilated place.

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08. Exposure controls/personal protection

Chemical Name	Naphtha (petroleum), hydrotreated light		content%: 2,5-10
WEL-TWA: 700 mg/m ³ (AGW)	WEL-STEL: 4 (II) (AGW)	---	
BMGV: ---	Other informations: ---		

Chemical Name	Propane		content%:
WEL-TWA: 200 ppm (600 mg/m ³) (WEL,EC)	WEL-STEL: 300 ppm (899 mg/m ³) (WEL), 300 ppm (900 mg/m ³) (EC)	---	
WEL-TWA: 1000 ppm (ACGIH)	Other informations: ---		

Chemical Name	Butane		content%:
WEL-TWA: 600 ppm (1450 mg/m ³)	WEL-STEL: 750 ppm (1810 mg/m ³)	---	
BMGV: ---	Other informations: ---		

Chemical Name	Isobutane		content%:
WEL-TWA: 1000 ppm	WEL-STEL: 750 ppm (1810 mg/m ³)	---	
BMGV: ---	Other informations: ---		

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW

"Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen

= Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here. General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Respiratory protection: Normally not necessary.

In case of emergency: Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138) Hand protection: Chemical resistant protective gloves (EN 374). Recommended Protective nitrile gloves (EN 374) Permeation time (penetration time) in minutes:

> 480 (Level 6) Protective hand cream recommended. Eye protection: With danger of contact with eyes. Tight fitting protective goggles with side protection (EN 166). Skin protection: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments) Additional information on hand protection - No tests have been performed. Selection made for preparations according to the best available knowledge and information on the ingredients. Selection of materials derived from glove manufacturer's indications. Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

09. Physical and chemical properties

Physical state:	Aerosol
Colour:	Colourless
Odour:	Characteristic
pH-value undiluted:	Characteristic
Boiling point/boiling range (°C):	n.av.
Melting point/melting range (°C):	n.av.
Flash point (°C):	n.av.
Ignition temperature:	-60
Minimum limit of explosion:	510°C
Maximum limit of explosion:	1,4% Vol
Product is not explosive.	32 Vol%
Possible build up of explosive/highly flammable vapour/air mixture.	
Vapour pressure:	
Density (g/ml):	4300 hPa
Water solubility:	0,595
	Not miscible



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10. Stability and reactivity

Conditions to avoid
See point 7
Stable when handled and stored correctly.
Heating, open flame, ignition sources
Pressure increase will result in danger of bursting.
Materials to avoid
See point 7
Avoid contact with oxidizing agents.
Hazardous decomposition products
See point 5.3

11. Toxicological information

Acute toxicity and immediate effects
Ingestion, LD50 rat oral (mg/kg): n.av.
Inhalation, LC50 rat inhal.(mg/l/4h): n.av.
Skin contact, LD50 rat dermal (mg/kg): n.av.
Eye contact: n.av.
Delayed and chronic effects
Sensitization: n.c.
Carcinogenicity: n.c.
Mutagenicity: n.c.
Reproductive toxicity: n.c.
Narcosis: n.c.
Further information
Classification according to calculation procedure.
The following may occur: Irritation of the respiratory tract
Coughing
Respiratory distress
Headaches
Dizziness
Effects/damages the central nervous system
Coordination disorders
Unconsciousness
With long-term contact:
Drying of the skin.
Dermatitis (skin inflammation)
Other dangerous properties cannot be ruled out.

12. Ecological information

Water hazard class (Germany): 1
Self classification: Yes (VwVwS)
Persistence and degradability: The polymer component is difficult to eliminate.
Behaviour in sewage plants: According to the recipe, contains no AOX.
Aquatic toxicity: See point 2.
Ecological toxicity: n.av.

13. Disposal considerations

13.1. for the material / preparation / residue
EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)
07 02 17 wastes containing silicones other than those mentioned in 07 02 16
16 05 04 gases in pressure containers (including halons) containing dangerous substances
Recommendation:
Pay attention to local and national official regulations
E.g. suitable incineration plant.
E.g. dispose at suitable refuse site.
13.2 for contaminated packing material
See point 13.1
Pay attention to local and national official regulations
Recommendation:
Do not perforate, cut up or weld uncleaned container.
15 01 04 metallic packaging
15 01 10 packaging containing residues of or contaminated by dangerous substances

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14. Transport information

General statements

UN-Number: 1950

Road/Rail-transport (ADR/RID)

Class/packing group: 2/- UN 1950 AEROSOLS

Classification code: 5F

LQ: 2

Tunnel restriction code: D

Transport by sea

IMDG-code: 2.1/- (class/packing group) EmS: F-D, S-U

Marine Pollutant: n.a.

AEROSOLS (ALKANES, C14-C17, CHLORO-)

Transport by air

IATA: 2.1/-/- (class/secondary danger/packing group) Aerosols, flammable

Additional information:

danger code and packing on request



15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: F+/Xi/N Indications of danger: Extremely flammable Irritant

Dangerous for the environment

R-phrases:

36 Irritating to eyes.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

64 May cause harm to breastfed babies.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness. S-phrases:

23 Do not breathe spray.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

35 This material and its container must be disposed of in a safe way.

46 If swallowed, seek medical advice immediately and show this container or label.

51 Use only in well-ventilated areas. Additions:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible.

Observe restrictions: Yes

Observe youth employment law (German regulation). Regulation (EC) No 1907/2006, Annex XVII.

VOC (1999/13/EC): ~ 96,2% w/w



16. Other information

These details refer to the product as it is delivered.

Revised points: 2, 3, 4, 8, 9, 11, 12, 15, 16

The following phrases represent the prescribed R-phrases / H-phrases (GHS/CLP) for the ingredients (designated in point 3).

11 Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

64 May cause harm to breastfed babies.

50 Very toxic to aquatic organisms.

53 May cause long-term adverse effects in the aquatic environment.

12 Extremely flammable.

Legend

These details refer to the product as it is delivered.

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