

US Safety Data Sheet

SILICONE SPRAY



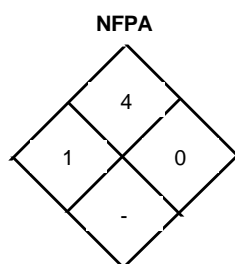
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Company BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Switzerland

1 Commercial product name and supplier

1.1 Commercial product name / Designation **SILICONE SPRAY**



HMIS	
H	1
F	4
R	0
C	-

1.2 Application / Use Lubrication, anticorrosive

1.3 Producer BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575

1.4 Supplier MOTOREX USA, 900 Mendelssohn Ave. N, Golden Valley, MN 55427, USA, +1 763-417-1377

1.5 TOX emergency number USA + Canada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)

1.6 Product No.

2 Composition

2.1 Chemical characterization Silicon oil (CAS# 063148-62-9)
Propane/butane (propellant)
Petrol fraction (aromatics <0,5%)

2.2 Hazardous components Dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC):

CAS No. 74-98-6	< 15 % Propane F+: Extremely flammable. R12: Extremely flammable.
CAS No. 106-97-8	< 50 % Butane F+: Extremely flammable. R12: Extremely flammable.
CAS No. 64742-49-0	20-40 % Naphtha, hydrogenated, light: benzene < 0.1% Xn: Harmful. F: Highly flammable. N: Dangerous for the environment. R11: Highly flammable. R38: Irritating to skin. R65: Harmful: may cause lung damage if swallowed. R67: Vapours may cause drowsiness and dizziness. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.3 Further information None.

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3 Hazards identification

Extremely flammable.

4 First aid measures

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

4.1 Eye contact

Flush eyes with plenty of water.

4.2 Skin contact

Remove residues with soap and water. Call a physician if irritation persists.

4.3 Ingestion

Do not induce vomiting. Do not take in resorption stimulating agents.

4.4 Inhalation

Take into fresh air.

4.5 Further information

None.

5 Fire-fighting measures

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical and protein based foam.

5.2 Extinguishing media to avoid

Water spray.

5.3 Flash point

Pressurized gas

Test method:
DIN EN ISO 2592

5.4 Ignition temperature

5.5 Explosion limits

Lower: 2.1 Vol%
Upper: 9.5 Vol% ((1013 mbar))

5.6 Further information

None.

6 Accidental release measures

Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

7 Handling and storage

7.1 Handling

Do not spray towards flame or incandescent object.
Keep away from sources of ignition - No smoking.

7.2 Industrial hygiene

Avoid breathing mists.

7.3 Storage

Protect from direct sunlight and temperatures above 50°C (122°F).
Keep out of the reach of children.

7.4 Place of storage

7.5 Fire- and explosion-protection

Use only if ventilation is good.

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8 Exposure controls / Personal protection

- 8.1 Technical measures Good general ventilation should be sufficient for most processing operations.
- 8.2 Control of threshold limits None established for the mixture.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection None required.
- 8.3.2 Hand protection None required.
- 8.3.3 Eye protection None required.
- 8.3.4 Other None.

9 Physical and chemical properties

- 9.1 Appearance liquified gas
- 9.2 Colour colourless
- 9.3 Odour solvent
- 9.4 Change of physical state Test method:
DIN 53171
- 9.5 Density 0.65 g/cm³ (20°C) ASTM D 4052
- 9.6 Vapour pressure 3200 mbar (20°C)
- 9.7 Viscosity < 1 mm²/s (40°C) DIN 51562-1
- 9.8 Solubility
in water insoluble
- 9.9 pH DIN 51369
not applicable

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9.10 Further information None.

10 Stability and reactivity

10.1 Thermal decomposition Stable under normal handling and storage conditions.
10.2 Hazardous decomposition products Non, when used in accordance with regulations.
10.3 Hazardous reactions No hazards known.
10.4 Further information None.

11 Toxicological information

11.1 Acute toxicity The oral LD50 for rats is: >5000mg/kg
11.2 Subacute / Chronic toxicity
11.3 Further information None.

12 Ecological information

Water Hazard Class (Germany): Class 2 (self assessment): hazardous for water.

13 Disposal considerations

Dispose of according to local and national regulations.

13.1 EU/CH waste key 16 01 99 Waste o.n.s

14 Transport information

14.1 Transport at land ADR 2 RID 2

UN Number 1950 Kemler Number
Packing Group
Proper shipping name Aerosols, flammable, n.o.s.

14.2 Transport at sea ADNR IMDG 2

UN Number 1950
EMS F-D, S-U MFAG
Packing Group
Proper shipping name Aerosols, flammable, n.o.s.

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14.3	Air transport	ICAO / IATA-DGR	2.1
		UN Number	1950
		Packing Group	
		Proper shipping name	Aerosols, flammable, n.o.s.
	Passenger airplane	Packing Instructions	Y203
		max.	30 kg G
	Cargo Airplane	Packing Instructions	203
		max.	75 kg
14.4	Further information	U.S. DOT hazard classification: ORM-D. Carton must bear ORM-D marking and orientation arrows. The product is classified for transportation.	

15 Regulatory information This product requires classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 National regulations

15.2 NFPA Storage

15.3 Further information None.

16 Other information No other information.

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.
