

US Material Safety Data Sheet SILICONE SPRAY (US)

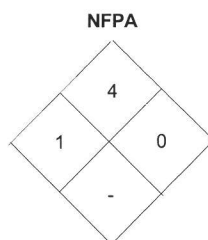
Date of issue / Reference 04/14/2009 uh
Replaces version of
Date of printing 07/14/2009 Sheet No. 2499 Version 1 Page 1 of 5

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

1 Commercial product name and supplier

1.1 Commercial product name / Designation **SILICONE SPRAY (US)**

37040030



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 24 Hour Emergency Assistance USA + Canada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)
- General MSDS Assistance
- 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. 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.
MAK values : 1440 mg/m3
- CAS No. 67-64-1 10-30 % 2-Propanone (Acetone)
Xi: Irritant. F: Highly flammable. R11: Highly flammable. R36: Irritating to eyes. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.
MAK values : 1200 mg/m3
- CAS No. 74-98-6 / 10 10-40 % Propane/Butane-Mixture (20/80)
F+: Extremely flammable. R12: Extremely flammable.
MAK values : 1800 mg/m3
- 2.3 Further information None.

US Material Safety Data Sheet SILICONE SPRAY (US)

Date of issue / Reference

04/14/2009 uh

Replaces version of

Date of printing

07/14/2009

Sheet No. 2499 Version 1

Page 2 of 5

3 Hazards identification

Extremely flammable. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Can is under pressure. Protect from direct sunlight and temperatures above 50°C (122°F). Do not pierce or burn can after use. Do not spray towards flame or incandescent object.
Keep out of the reach of children.

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).

US Material Safety Data Sheet SILICONE SPRAY (US)

Date of issue / Reference	04/14/2009	uh		
Replaces version of				
Date of printing	07/14/2009	Sheet No. 2499	Version 1	Page 3 of 5

Keep out of the reach of children.

7.4 Place of storage

7.5 Fire- and explosion-protection Use only if ventilation is good.

8 Exposure controls / Personal protection

8.1 Exposure controls Good general ventilation should be sufficient for most processing operations.

8.2 Exposure limit values None established for the mixture.

8.3 Occupational exposure controls

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.

8.4 Environmental exposure controls

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:

9.5 Density 0.7 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

US Material Safety Data Sheet SILICONE SPRAY (US)

Date of issue / Reference	04/14/2009	uh		
Replaces version of				
Date of printing	07/14/2009	Sheet No. 2499	Version 1	Page 4 of 5

9.9 pH
not applicable

9.10 Further information
Part. coeff. n-octanol/water
Evaporat. rate

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	Conditions / materials to avoid	No hazards known.
10.4	Further information	None.

11 Toxicological information

11.1	Acute toxicity	The oral LD50 for rats is >2000 mg/kg.
11.2	Subacute / Chronic toxicity	
11.3	Further information	None.

12 Ecological information

12.1	Ecotoxicity	Water Hazard Class (Germany): Class 2 (self assessment): hazardous for water.
12.2	Mobility	
12.3	Persistence and degradability	
12.4	Bioaccumulative potential	
12.5	Further information	

13	Disposal considerations	Dispose of according to local and national regulations.
----	-------------------------	---

14 Transport information

14.1	Transport at land	ADR	2	RID	2
		UN Number	1950	Kemler Number	
		Packing Group			
		Proper shipping name	AEROSOLS		

US Material Safety Data Sheet SILICONE SPRAY (US)

Date of issue / Reference	04/14/2009	uh		
Replaces version of				
Date of printing	07/14/2009	Sheet No. 2499	Version 1	Page 5 of 5

14.2	Transport at sea	ADNR	IMDG	2
------	------------------	------	------	---

UN Number	1950		
EMS	F-D, S-U	MFAG	
Packing Group			
Proper shipping name	Aerosols, flammable		
Marine pollutant			

14.3	Air transport	ICAO / IATA-DGR	2.1
		UN Number	1950
		Proper shipping name	Aerosols, flammable
		Subsidiary Risk	
		Labels	Flammable gas
		Packing Group	
	Passenger airplane	Packing Instructions	Y203
		max.	30 kg G
	Cargo Airplane	Packing Instructions	203
		max.	75 kg

14.4	Further information	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.

