

US Material Safety Data Sheet CHAINLUBE RACING Spray

Date of issue / Reference 02/10/2009 uh
Replaces version of 11/05/2008 uh
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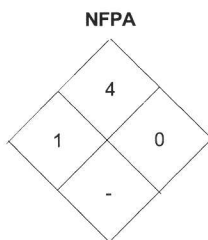
Company BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Switzerland

1 Commercial product name and supplier

1.1 Commercial product name / Designation

CHAINLUBE RACING Spray

36050022 - 56 ml
36050021 - 500 ml



HMIS	
H	1
F	4
R	0
C	-

1.2 Application / Use

Chain lubricant

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

Polymethacrylates
Corrosion inhibitors
Propane/butane (propellant)
Petrol fraction (aromatics <0,5%)

2.2 Hazardous components

Components contributing to hazard:

CAS No. 74-98-6

4-10 % Propane

F+: Extremely flammable. R12: Extremely flammable.
MAK values : 1800 mg/m³

CAS No. 106-97-8

10-30 % Butane

F+: Extremely flammable. R12: Extremely flammable.
MAK values : 1900 mg/m³

CAS No. 64742-49-0

5-15 % 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

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CAS No. 64742-49-0 5-15 % Naphtha (petroleum), hydrotreated light [contains less than 0,1 % w/w benzene]

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 : 1400 mg/m3

CAS No. 64742-47-8 10-25 % Distillates (petroleum), hydrotreated light

Xn: Harmful. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.

MAK values : 1200 mg/m3

2.3 Further information

3 Hazards identification

Extremely flammable. Harmful: may cause lung damage if swallowed. Harmful 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 away from sources of ignition - No smoking. 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.

4.3 Ingestion

4.4 Inhalation

Take into fresh air.

4.5 Further information

5 Fire-fighting measures

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical and protein based foam.

5.2 Extinguishing media to avoid

DO NOT USE WATER JET.

Test method:

5.3 Flash point

Pressurized gas

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

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material and removed for disposal.

7 Handling and storage

- | | | |
|-----|--------------------------------|---|
| 7.1 | Handling | Keep away from sources of ignition - No smoking.
Do not spray towards flame or incandescent object. |
| 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 | Store containers closed and protect against rain, dust, heat and other atmospheric influences. |
| 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 | |
| 8.4 | Environmental exposure controls | |

9 Physical and chemical properties

- | | | | |
|-----|--------------------------|--------------------------------|--------------|
| 9.1 | Appearance | liquified gas | |
| 9.2 | Colour | beige | |
| 9.3 | Odour | solvent | |
| 9.4 | Change of physical state | | Test method: |
| 9.5 | Density | 0.756 g/cm ³ (20°C) | ASTM D 4052 |
| 9.6 | Vapour pressure | 3200 mbar (20°C) | |

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9.7 Viscosity

<50 mm²/s (40°C)

DIN 51562-1

9.8 Solubility

in water

insoluble

9.9 pH

not applicable

9.10 Further information

Part. coeff. n-octanol/water

Evaporat. rate

10 Stability and reactivity

10.1 Thermal decomposition

Stable under recommended storage conditions.

10.2 Hazardous decomposition products

None under normal conditions of storage and use.

10.3 Conditions / materials to avoid

No hazards known.

10.4 Further information

11 Toxicological information

11.1 Acute toxicity

No relevant information found.

11.2 Subacute / Chronic toxicity

11.3 Further information

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

Comply with local and national regulations.

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14 Transport information

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

14.2 Transport at sea	ADNR	IMDG	2
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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.
U.S. DOT hazard classification: ORM-D. Carton must bear ORM-D marking and orientation arrows.

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

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.

