

EU Safety Data Sheet

ANTI RUST Spray (US Version)



Date of issue / Reference

20.04.2003 uh

Replaces version of

Date of printing

24.04.2003

Sheet No. 1488

Page 1 of 5

Company

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

1 Commercial product name and supplier

1.1 Commercial product name / Designation

ANTI RUST Spray (US Version)

1.2 Application / Use

Penetration, lubrication, anticorrosive

1.3 Producer

BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal
Telefon +41 (0)62 919 75 75, Fax +41 (0)62 919 75 95

1.4 Supplier

BUCHER AG MOTOREX, Inc., dba: MOTOREX USA, 1932 Eastman Avenue, Suite 107, Ventura, CA 93003-5766
Tel. 805-658-0900 Fax: 805-658-0910

1.5 TOX emergency number

Europe: + 41 (0)1 251 51 51 (Center of Toxicology Information, CH-8028 Zurich)
North America:

1.6 Product No.

2 Composition

2.1 Chemical characterization

White spirit (aromatics <25%)
Additives
Propane/butane (propellant)
Mineral oil, paraffinic (CAS# 8042-47-5)

2.2 Hazardous components

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

CAS No. 64742-82-1

20-40 % Turpentine substitute (White Spirit), benzene <0.1%
Xn: Harmful. R10: Flammable. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No. 74-98-6

<10 % Propane

F+: Extremely flammable. R12: Extremely flammable.

CAS No. 106-97-8

<40 % Butane

F+: Extremely flammable. R12: Extremely flammable.

2.3 Further information

3 Hazards identification

Extremely flammable.
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.

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24.04.2003 **Sheet No. 1488**

Page 2 of 5

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	Water spray.
5.3	Further information	None.

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

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	

EU Safety Data Sheet

ANTI RUST Spray (US Version)



Date of issue / Reference

20.04.2003 uh

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Date of printing

24.04.2003

Sheet No. 1488

Page 3 of 5

9 Physical and chemical properties

9.1 Appearance

liquified gas

9.2 Colour

colourless to light yellow

9.3 Odour

solvent

9.4 Change of physical state

Test method:

9.5 Density

0.705 g/cm³ (20°C)

ISO 3675

9.6 Vapour pressure

3200 mbar (20°C)

9.7 Viscosity

<1 mm²/s (40°C)

ISO 3104

9.8 Solubility

in water

insoluble

9.9 pH

not applicable

9.10 Flash point

<0 °C

9.11 Ignition temperature

500 °C

9.12 Explosion limits

Lower: 2,1 Vol%

Upper: 9,5 Vol%

((1013 mbar))

9.13 Further information

EU Safety Data Sheet

ANTI RUST Spray (US Version)



Date of issue / Reference

20.04.2003 uh

Replaces version of

Date of printing

24.04.2003 **Sheet No. 1488**

Page 4 of 5

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 | Hazardous reactions | 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

German 'Wassergefährdungs Klasse (WGK)': 2

13 Disposal considerations

Comply with local and national regulations.

- | | | |
|------|--------------|----------------------|
| 13.1 | EU 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 | |
| | | UN Number | 1950 | | |
| | | EMS | 2-13 | MFAG | 620 |
| | | Packing Group | | | |
| | | Proper shipping name | Aerosols, flammable, n.o.s. | | |
| 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 | | |

EU Safety Data Sheet

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Date of issue / Reference 20.04.2003 uh

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Date of printing 24.04.2003 **Sheet No. 1488**

Page 5 of 5

14.4 Further information The product is classified for transportation.

15 Regulatory information EEC Classification and User Label Information:

15.1 UN number 1950

15.2 National regulations

15.3 EU number

15.4 Hazard symbols

F+



15.5 Hazard designation F+: Extremely flammable. Contains Propane, Butane.

15.6 Risk phrases

R: 12

12 Extremely flammable.

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification (CH)

15.10 VbF (D)

15.11 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.