

EU Safety Data Sheet

UNIVERSAL 2000 GREASE 100 %
Synthetic Spray



Date of issue / Reference

20.04.2003 uh

Replaces version of

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24.04.2003 Sheet No. 1490

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Company

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

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

**UNIVERSAL 2000 GREASE 100 % Synthtic
Spray**

1.2 Application / Use

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 <0,5%)
Propane/butane (propellant)
Synthetic polymers
Additives

2.2 Hazardous components

Components contributing to hazard:

CAS No. 64742-48-9

10-20 % Aliphatic hydrocarbons, benzene < 0.1 %

Xn: Harmful. R10: Flammable. R65: Harmful: may cause lung damage if
swallowed. R66: Repeated exposure may cause skin dryness or cracking.

CAS No. 74-98-6 / 106-

55-65 % Propane/Butane-Mixture (20/80)

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.

4 First aid measures

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

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- | | | |
|-----|---------------------|--------------------------------------|
| 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.

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 | |
-

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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	0.65 g/cm ³ (20°C)	ISO 3675
9.6	Vapour pressure	3200 mbar (20°C)	
9.7	Viscosity	<1 mm ² /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		

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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 | | |

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14.4 Further information The product is classified for transportation.

15 Regulatory information

Classification according to EEC criteria.

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-Mixture (20/80).

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.
