

EU Safety Data Sheet

MANITOU GREASE 101 NLGI 1



Date of issue / Reference 15.12.2005 os
Replaces version of 01.01.2004 os
Date of printing 15.12.2005 **Sheet No. 1302**

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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 **MANITOU GREASE 101 NLGI 1**
- 1.2 Application / Use Lubricating grease
- 1.3 Producer BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901
Langenthal, Schweiz, T. +41 (0)62 919 7575
- 1.4 Supplier BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901
Langenthal, Schweiz, T. +41 (0)62 919 7575
- 1.5 TOX emergency number Toxicological Information Centre, CH-8028 Zurich, E-mail: info@toxi.ch,
T. +41 (0)44 251 51 51
- 1.6 Product No.
-

2 Composition

- 2.1 Chemical characterization Mineral oil, paraffinic (CAS# 8042-47-5)
Calcium soap
Additives
- 2.2 Hazardous components Does not contain any dangerous substances according to the criteria
of the EC (Council Directive 88/379/EEC).
- 2.3 Further information None.
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3 **Hazards identification** No known hazard.

4 First aid measures

- 4.1 Eye contact Flush with plenty of water.
- 4.2 Skin contact Remove residues with soap and water.
- 4.3 Ingestion Do not induce vomiting. Do not take in resorption stimulating agents.
- 4.4 Inhalation
- 4.5 Further information
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5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.
- 5.2 Extinguishing media to avoid DO NOT USE WATER JET.
- 5.3 Further information None.

6 Accidental release measures

Spills should be contained by, and covered with suitable absorbent material and removed for disposal.
Do not allow to flow off into the drains or waters.

7 Handling and storage

- 7.1 Handling No specific requirements.
- 7.2 Industrial hygiene Follow safety precautions for handling of mineral oils.
- 7.3 Storage Follow regulations for storage of water hazarding products.
- 7.4 Place of storage
- 7.5 Fire- and explosion-protection No specific requirements

8 Exposure controls / Personal protection

- 8.1 Technical measures No specific requirements.
- 8.2 Control of threshold limits
- 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

9 Physical and chemical properties

- 9.1 Appearance pasty
- 9.2 Colour light yellow
- 9.3 Odour low
- 9.4 Change of physical state Test method:
Dropping point >130 °C (1013 mbar) DIN ISO 2176

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9.5 Density < 1 g/cm³ (20°C) ASTM D 4052

9.6 Vapour pressure

9.7 Viscosity NLGI 1 mm²/s (40°C)

9.8 Solubility
in water insoluble

9.9 pH not applicable

9.10 Flash point >200 °C (1013 mbar) ISO 592

9.11 Ignition temperature

9.12 Explosion limits Lower:
Upper:
not explosive

9.13 Further information

10 Stability and reactivity

- 10.1 Thermal decomposition Is stable under normal 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
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11 Toxicological information

11.1 Acute toxicity The estimated oral LD50 for rats is >2000 mg/kg.
No adverse effects anticipated by this route of exposure incidental to proper handling.

11.2 Subacute / Chronic toxicity

11.3 Further information None.

12 Ecological information

German 'Wassergefahrdungs Klasse (WGK)': 1

13 Disposal considerations

Comply with local and national regulations.

13.1 EU waste key 12 01 12 used waxes and greases

14 Transport information

14.1 Transport at land

ADR

RID

UN Number
Packing Group
Proper shipping name

Kemler Number

14.2 Transport at sea

ADNR

IMDG

UN Number
EMS
Packing Group
Proper shipping name

MFAG

14.3 Air transport

ICAO / IATA-DGR
UN Number
Packing Group
Proper shipping name

Passenger airplane

Packing Instructions

max.

Cargo Airplane

Packing Instructions

max.

14.4 Further information

Product is not classified for any mode of transportation.

15 Regulatory information

This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 UN number

15.2 National regulations

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15.3 EU number

15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification (CH) F4 s Y2

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.

This safety data sheet has been generated with the safety database 'ChemManager'.
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