

EC-Safety Data Sheet conforming to 1907/2006/EG, Article 31

Grundo MN 100

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	Grundo MN 100
1.2 Relevant identified uses of the substance or mixture and uses advised against	Base Fluid
1.3 Details of the supplier of the safety data sheet	MOLYDUVAL GmbH * Halskestr.6 * 40880 Ratingen * Germany * +49(21002)9757-00 * safety@molyduval.com

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture 1272/2008/EG	This material is considered to be non-hazardous (is not to be marked).
2.2 label elements	-
2.3 Other hazards	-

SECTION 3: Composition - Information on Ingredients

3.1 Mixtures	Mixture. There are no ingredients present which are classified in the concentrations applicable health or the environment within the current knowledge of the supplier, PBT or vPvB substances are or who have a workplace exposure limit and hence require reporting in this section.
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SECTION 4: First Aid Measures

4.1 General Instructions	Remove victim from danger zone, without exposing yourself to any personal risk. Remove wetted clothing and shoes and clean items before using them again.
4.2 After Inhalation	Not applicable.
4.3 After Skin Contact	Wash with soap and much water.
4.4 After Eye Contact	Flush eyes with copious amounts of water for 15 minutes holding lid away from eye.
4.5 After Ingestion	Do not induce vomiting. Seek medical advise
4.6 Most important symptoms and effects, both acute and delayed	no
4.7 Indication of any immediate medical attention and special treatment needed	Prolonged or repeated exposure may cause skin discomfort.

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media	Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide (CO2). Unsuitable extinguishing media : Strong water jet.
5.2 Special hazards arising from the substance or mixture	In case of a fire, there may arise poisonous (CO, CO2 and other organic gases) gases
5.3 Advice for firefighters	Oxygen-mask

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Use oil-proofed clothing
6.2 Special Environmental Protection	Do not expose to environment or in effluent water.
6.3 Methods and material for containment and cleaning up	Use oil sucking materials f.e chemical absorbents.
6.4 Reference to other sections	n.a.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling	Storage and Disposal in accordance with federal and local regulations
7.2 Conditions for safe storage, including any incompatibilities	Store in closed containers. Open container in well ventilated areas Storage Class VCI: 3

SECTION 8: Limiting and supervising the exposure / personal protection

8.2 Limitation and supervision of exposure - Personal Protective Equipment	Respiratory Protection: None required; except in case of aerosol formation. Avoid inhalation of vapors. Use breathing apparatus if exposed to vapors / dust / aerosol. Combination filter, eg DIN 3181 ABEK Hand protection: Chemical-resistant protective gloves according to DIN / EN 374 is recommended. Only suitable for short-term exposure. If contamination is that the gloves should be changed immediately. Skin contact with the wetted surfaces of the gloves should be avoided. Eye protection: Safety glasses Hygiene measures: Wash hands before breaks and immediately after handling the product. Store work clothes separately. Take off all contaminated clothing immediately. Protective measures: Handle in accordance with good industrial hygiene and safety practice.
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8.3 Delimitation and monitoring of environmental exposure Do not discharge into surface water or drains

SECTION 9: Physical and Chemical Properties

Appearance Form	liquid
Color	light
Appearance	like oil
Odour	without
Flash Point	178 °C
Autogenous Ignition Temperature	426 °C
Upper Explosion Limit	-
Lower Explosion Limit	-
Specific Gravity, 20°C	0,90 g/cm ³
Water Solubility	N
Viscosity, 40°C	22 mm ² /s

SECTION 10: Stability und Reactivity

10.1 Reactivity	This product is stable in normal-use temperatures.
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Fumes can combine with air to form an explosive mixture.
10.4 Conditions to be avoided	No
10.5 Incompatible Materials	No
10.6 Hazardous products of instability / decomposition	no

SECTION 11: Toxicological Information

Symptoms after ingestion	no data available
At Skin Contact	May tend to irritate skin at sensible persons. Health studies have shown that petroleum hydrocarbons and synthetic lubricants pose potential human health risk which may vary from person to person.
Symptoms after Inhalation	no data available
Symptoms after eye contact	Prolonged or repeated contact may tend to irritate eyes.
Toxicological Tests	There are no human toxicological data.
Toxicologic Effects	

SECTION 12: Ecological Information

12.2 Persistence and degradability	Product is harmful to water. Do not empty into drains, contaminating groundwater or the soil. Danger to drinking water given. Deposition over petrol.
12.3 Bioaccumulative potential	n.a.
12.4 Mobility in soil	n.a.
12.5 Results of PBT and vPvB assessment	n.a.
12.6 Other adverse effects	n.a.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods	May not be disposed together with domestic rubbish. Disposal in compliance with federal, state, and local laws. EAK Waste Product Code : 130205
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SECTION 14: Transport information in accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.2 UN proper shipping name	No
14.3 Transport hazard class	No transport regulations.
14.4 Packing group	-
14.5 Environmental hazards	n.a.
14.6 Special precautions for user	n.a.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	n.a.

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture	No Precautionary Labels. free
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national regulations
water polluting category: 2

15.2 Chemical safety assessment

There is no information available

SECTION 16: Further Information

16.1 Full text of R-phrases referred to under sections 2 and 3

16.2 Further Information

Although the information on this safety sheet is based on the by us known and reliable considered information, we can neither accept any responsibility for the use of it. Please contact us if more infos are needed.