

TSG OG 1

Issued: 01.03.2010

SAFETY DATA SHEET

TSG OG 1

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: TSG OG 1

Use of substance / preparation: Lubricating grease

Company name: Grützner GmbH
Kohlenhofstr. 60
D-90443 Nürnberg
Deutschland
Tel: +49-911-277 399 0
Fax: +49-911-277 399 0
Email: info@lubricus.de

Manufacturer: CHEMIE-TECHNIK GMBH
Robert-Bosch-Str. 19
D-72189 Vöhringen
Deutschland
Tel: +49-(0)7454 - 9652-0
Fax: +49-(0)7454 - 9652-35
Emergency tel: +49-(0)7454 - 9652-31
Email: axel.toedling@chemietechnik.com

2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: NAPHTENSÄUREN, ZINKSALZE 1-5%
EINECS: 234-409-2 CAS: 12001-85-3
[Xi] R36/38; [N] R51/53

Contains: Mineral oil <3% DMSO-Extract (IP 346),
Li-Ca complex thickener,
Additives,

4. FIRST AID MEASURES (SYMPTOMS)

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Alcohol resistant foam.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Wash the ground with an appropriate self-emulsifying solvent.

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7. HANDLING AND STORAGE

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

Storage conditions: 15 - 25° C

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition.

Hand protection: Nitrile gloves. (e.g. "Greenfit +", < 1 h, Fa. Ansell);

Eye protection: Safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Dark brown

Odour: Characteristic odour

Solubility in water: Not miscible

Flash point°C: >150

Vapour pressure: < 0,1 hPa(20°C)

Relative density: < 1 g/cm³

VOC g/l: 0

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Flames. Sources of ignition. Hot surfaces.

Materials to avoid: Strong oxidising agents. Strong reducing agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water. Floats on water.

Persistence and degradability: Only slightly biodegradable.

Bioaccumulative potential: No data available.

13. DISPOSAL CONSIDERATIONS

Waste code number: EWC 13 08 99

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R36/38: Irritating to eyes and skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.