



SAFETY DATA SHEET

GLS 135/N2

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Revision No: 4

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

Product name: GLS 135/N2

Use of substance / preparation: Lubricating grease

Company name: CHEMIE-TECHNIK GMBH

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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ZINKALKYLDITHIOPHOSPHAT 1-5%

EINECS: 272-028-3 CAS: 68649-42-3

[Xi] R38; [Xi] R41; [N] R51/53

- AMIN-PHOSPHAT <1%

EINECS: 279-632-6 CAS: 080939-62-4

[Xi] R36/38; [N] R51/53

Contains: Mineral oil <3% DMSO-Extract (IP 346),

Lithium soap,

Additives,

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: It is unlikely that this substance will be swallowed due to its physical properties.

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.

5. FIRE-FIGHTING MEASURES

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

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

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

[cont...]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.
Remove all incompatible materials as outlined in section 10 of SDS.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

Clean-up procedures: Transfer to a suitable container. Wash the ground with an appropriate self-emulsifying solvent. Refer to section 13 of SDS for suitable method of disposal.

7. HANDLING AND STORAGE

Handling requirements: Avoid the formation or spread of mists in the air.

Storage conditions: 15 - 25° C Keep away from sources of ignition.

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.

Respiratory protection: Respiratory protection not required.

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

Eye protection: Safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Brown

Odour: Characteristic odour

Solubility in water: Insoluble

Melting point/range°C: > 165

Flash point°C: > 200

Autoflammability°C: n.b.

Vapour pressure: < 0,1hPa/20°C

Relative density: ca. 0,92

pH: neutral

VOC g/l: 0

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

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

Materials to avoid: Strong oxidising agents.

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

11. TOXICOLOGICAL INFORMATION**12. ECOLOGICAL INFORMATION**

Mobility: Insoluble in water.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

R9 Use principally as a fuel or other means to generate energy.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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.

Seveso II guideline: No

Water hazard class: 1 Classification by VwVwS

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: R38: Irritating to skin.

R41: Risk of serious damage to eyes.

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

R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive

[cont...]

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.