



# SAFETY DATA SHEET

GLS 993 H1

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Issued: 21.11.2007

Revision No: 2

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

**Product name:** GLS 993 H1

**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

**Contains:** Polyalphaolefin,  
inorganic thickener  
Additives,

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**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:** Consult a doctor.

## 5. FIRE-FIGHTING MEASURES

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

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

**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. 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.

[cont...]

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid the formation or spread of mists in the air. Smoking is forbidden.

**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 glasses.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Paste

**Colour:** White

**Odour:** Barely perceptible odour

**Solubility in water:** Insoluble

**Melting point/range°C:** > 150

**Flash point°C:** > 150

**Autoflammability°C:** n.b.

**Vapour pressure:** < 0,1 hpa

**Relative density:** ca, 0,93

**pH:** neutral

**VOC g/l:** 0

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

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

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

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

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

**Mobility:** Insoluble in water.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**13. DISPOSAL CONSIDERATIONS**

R2 Recycling/reclamation of organic substances which are not used as solvents.

**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.

**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

**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.