



## SAFETY DATA SHEET

GLS 163

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Compilation date: 15.08.2011

Revision No: 1

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name: GLS 163

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC24: Lubricants, greases, release products.

#### 1.3. Details of the supplier of the safety data sheet

Company name: CHEMIE-TECHNIK GMBH

Robert-Bosch-Str. 19

D-72189 Vöhringen

Deutschland

Tel: +49-(0)7454 - 9652-0

Fax: +49-(0)7454 - 9652-35

Email: [axel.toedling@chemietechnik.com](mailto:axel.toedling@chemietechnik.com)

#### 1.4. Emergency telephone number

Emergency tel: +49-(0)7454 - 9652-31

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

#### 2.2. Label elements

Label elements under CHIP:

Hazard symbols: No significant hazard.

#### 2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

PHOSPHOR-STICKSTOFF-SCWEFEL-ADDITIV

-	Zubereitung	Xi: R36/38; N: R51/53	-	<1%
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### Section 4: First aid measures

#### 4.1. Description of first aid measures

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

[cont...]

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**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.

## 4.2. Most important symptoms and effects, both acute and delayed

**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.

**Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

## 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** No data available.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

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

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**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.

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

**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.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

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

[cont...]

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## 7.2. Conditions for safe storage, including any incompatibilities

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

**Suitable packaging:** Must only be kept in original packaging.

## 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** Not applicable.

### 8.2. Exposure controls

**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); The selection of appropriate gloves does not only depend on the material but also on other quality features and on factors characteristic for the workplace. Therefore it is recommended to consult the gloves supplier before application.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Paste

**Colour:** Green

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Kinematic viscosity:** n.a.

**Melting point/range°C:** > 200

**upper:** n.a.

**Autoflammability°C:** n.b.

**Relative density:** ca. 0,92

**VOC g/l:** 0

**Flammability limits %: lower:** n.a.

**Flash point°C:** > 200

**Vapour pressure:** < 0,1 hPa/20°C

**pH:** neutral

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

[cont...]

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## 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

## 10.4. Conditions to avoid

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

## 10.5. Incompatible materials

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

## 10.6. Hazardous decomposition products

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

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** Not applicable.

### Symptoms / routes of exposure

**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.

**Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** Not applicable.

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** Insoluble in water.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

[cont...]

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## 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. Dispose of or reuse product in accordance with the valid administrative provisions and regulations. The waste material's denomination as well as the waste code number are allocated by the user (waste producer).

**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.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

n.a.: inapplicable

n.b.: not determined

**Phrases used in s.2 and 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.