



SAFETY DATA SHEET

GLS 964/N2

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Compilation date: 16.08.2010

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Revision No: 7

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

1.1. Product identifier

Product name: GLS 964/N2

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: info@elkalub.com

1.4. Emergency telephone number

Emergency tel: +49-(0)7454 - 9652-31, Mo-Fr 8-17:00

Section 2: Hazards identification

2.1. Classification of the substance or mixture

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

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

NAPHT. MINERALÖL 100

EINECS	CAS	PBT / WEL	CLP Classification	Percent
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265-155-0	64742-52-5	Substance with a Community workplace exposure limit.	-	50-70%
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AMIN-PHOSPHAT

279-632-6	080939-62-4	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	<1%
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Contains: Mineral oil <3% DMSO-Extract (IP 346),

Section 4: First aid measures

4.1. Description of first aid measures

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: Wash out mouth with water. Consult a doctor.

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

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 redness.

Ingestion: * No data available.

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: * Show this safety data sheet to the doctor in attendance.

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.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Eliminate all sources of ignition. Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

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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 direct contact with the substance. Avoid the formation or spread of mists in the air.
Smoking is forbidden.

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

Hazardous ingredients:

NAPHT. MINERALÖL 100

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	5 mg/m ³	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required.

Hand protection: * Nitrile gloves. 0,7 mm Breakthrough time of the glove material > 1 hour.

Eye protection: Safety glasses.

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: White

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Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Viscosity: Not applicable.

Viscosity test method: Kinematic viscosity in 10-6 m²/s at 40°C (ISO 3104/3105)

Boiling point/range°C: No data available.

Melting point/range°C: > 200

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: > 180

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: < 0,1hPa/20°C

Relative density: ca. 0,91/20°C

pH: Not applicable.

VOC g/l: 0

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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: Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

AMIN-PHOSPHAT

DERMAL	RAT	LD50	> 2000	mg/kg
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ORAL	RAT	LD50	> 2000	mg/kg
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Toxicity values: No data available.

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: * No data available.

Inhalation: No data available.

Delayed / immediate effects: No data available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
no data	no data	no data	-

Hazardous ingredients:

AMIN-PHOSPHAT

DAPHNIA	48H EC50	1,2	mg/l
FISCH	96H LC50	5,5	mg/l

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. Floats on water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: * Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: 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.

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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.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

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.