



SAFETY DATA SHEET

GLS 361/N1

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Compilation date: 21.01.2015

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Revision No: 1

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

1.1. Product identifier

Product name: GLS 361/N1

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@elkalub.com

1.4. Emergency telephone number

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

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xi: R41

Classification under CLP: Eye Dam. 1: H318; Skin Irrit. 2: H315

Most important adverse effects: Risk of serious damage to eyes.

2.2. Label elements

Label elements under CLP:

Hazard statements: H315: Causes skin irritation.

H318: Causes serious eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark



Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position

[cont...]

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comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

P311: Call a POISON CENTER or doctor.

Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R41: Risk of serious damage to eyes.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye / face protection.

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:

CALCIUMHYDROXID

EINECS	CAS	CHIP Classification	CLP Classification	Percent
215-137-3	1305-62-0	Xi: R41	Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H335	30-50%

MEDIZINISCHES WEISSÖL (70)

-	8042-47-5	Substance with a Community workplace exposure limit.	-	10-30%
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NYNAS S 100 B

265-155-0	64742-52-5	Substance with a Community workplace exposure limit.	-	10-30%
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MEDIZINISCHES WEISSÖL (15,5) - REACH registered number(s): 01-2119487078-27-0010

232-455-8	8042-47-5	Substance with a Community workplace exposure limit.	Asp. Tox. 1: H304	1-10%
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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.

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

Ingestion: Do not induce vomiting. Consult a doctor.

[cont...]

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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 pain and redness.

Ingestion: No data available.

Inhalation: No data available.

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

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.

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.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

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

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. Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

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8.1. Control parameters

Hazardous ingredients:

MEDIZINISCHES WEISSÖL (70)

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5 mg/l	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required. Under normal conditions in well ventilated areas

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: Brown

Odour: Characteristic odour

Solubility in water: No data available.

Viscosity: Not applicable.

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: >93

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

Autoflammability°C: No data available.

Vapour pressure: < 0,1 hPa/20°C

Relative density: ca. 1,15

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.

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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: Flames. Hot surfaces. Sources of ignition.

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.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

MEDIZINISCHES WEISSÖL (70)

DERMAL	RBT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	> 5000	mg/kg
VAPOURS	RAT	4H LC50	> 5000	ppmV

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 pain and redness.

Ingestion: No data available.

Inhalation: No data available.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

MEDIZINISCHES WEISSÖL (70)

Daphnia magna	48H EC50	100	mg/l
FISCH	96H LC50	100 - 10000	mg/l

[cont...]

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MEDIZINISCHES WEISSÖL (15,5)

Daphnia magna	48H EC50	> 100	mg/l
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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: Heavier than 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.

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.

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

Phrases used in s.2 and s.3: H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

R41: Risk of serious damage to eyes.

[cont...]

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Legend to abbreviations: PNEC = predicted no effect level
DNEL = derived no effect level
LD50 = median lethal dose
LC50 = median lethal concentration
EC50 = median effective concentration
IC50 = median inhibitory concentration
dw = dry weight
bw = body weight
cc = closed cup
oc = open cup
MUS = mouse
GPG = guinea pig
RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin
DRM = dermal
OCC = ocular/corneal
PCP = physico-chemical properties

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.