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

1.1. Product identifier

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

Use of the substance/mixture

lubricant

1.3. Details of the supplier of the safety data sheet

Company name: LEYCOCHEM LEYDE GMBH

Street: Industriestrasse 155
Place: D-50999 Cologne

Telephone: +49-(0)2236-966 00 0 Telefax: +49-(0)2236-966 00-10

e-mail: leycochem@leyde.com

Contact person: Jürgen Leyde Telephone: +49-(0)2236-966-00-20

Internet: www.leyde.com

1.4. Emergency telephone +49-(0)2236-966-00-20

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 99/45/EC.

2.2. Label elements

S phrases

02 Keep out of the reach of children.

22 Do not breathe dust.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

46 If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

Irritating to eyes. Irritating to skin.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
207-838-8	sodium carbonate	> 25 %
	sodium carbonate Xi - Irritant R36	> 25 %

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

Dilute with plenty of water.

After contact with skin

Wash off immediately with soap and plenty of water.

After contact with eyes

Flush eye(s) immediately with plenty of water. Consult a physician.

After ingestion

Rinse mouth. Consult a physician. Do not induce vomiting. Give small amounts of water to drink.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

"Use dry chemical, CO2, water spray or ""alcohol"" foam."

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Sweep-up to prevent slipping hazard.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Use mechanical handling equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection

tightly fitting safety goggles

Hand protection

protective gloves Break through time > 480 min. Leyel 6

Polyvinyl alcohol or nitrile-butyl rubber gloves

Respiratory protection

Do not breathe dust or spray mist.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid
Colour: white
Odour: none

Test method

pH-Value (at 20 °C): 11,6 In Verdünnung

Changes in the physical state

Melting point: 850 °C Initial boiling point and boiling range: 100 °C Flash point: does not flash

Flammability

Solid: not applicable

Density (at 20 °C): Bulk density 0,5 - 0,9 g/cm³

Water solubility: 212 g/L

(at 20 °C)

SECTION 10: Stability and reactivity

10.1. Reactivity

Exothermic reaction with strong acids

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

acids alkaline earth metals finely divided aluminium Nitrous acid and other nitrosating agents

Further information

hygroscopic

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

LD50/oral/rat = 4090 mg/kg (Natriumcarbonat)

LC50/inhalation/2h/rat = 2,3 mg/l

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
497-19-8	sodium carbonate				
	oral	LD50	4090 mg/kg	Rat	IUCLID

Irritation and corrosivity

Eye irritation

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity = LC50: 300 mg/l/96 h Lepomis macrochirus Toxicity to daphnia EC50: 265 mg/l/48 h Daphnia magma

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CAS No	Chemical name		

CAS No	Chemical name						
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source	
497-19-8	8 sodium carbonate						
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus		
	Acute crustacea toxicity	EC50	265 mg/l	48 h	Daphnia magna	IUCLID	

12.6. Other adverse effects

Do not allow material to contaminate ground water system. Prevent product from entering drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not flush into surface water or sanitary sewer system. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Clean container with water.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code,

ICAO/IATA-DGR

Inland waterways transport (ADN)

14.2. UN proper shipping name: Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code,

ICAO/IATA-DGR

Marine transport (IMDG)

14.2. UN proper shipping name: Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code,

ICAO/IATA-DGR

Air transport (ICAO)

14.2. UN proper shipping name: Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code,

ICAO/IATA-DGR

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Relevant R-phrases (Number and full text)

36 Irritating to eyes.

Relevant H- and EUH-phrases (Number and full text)

H319 Causes serious eye irritation.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singulary responsible for adhering to existing laws and regulations.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)