

**Safety Data Sheet**

according to UK REACH Regulation

**Contopp RS 10 B**

Revision date: 08.12.2023

Product code: 30.401.100

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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**

Building and construction preparations not covered elsewhere.

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

Company name:	KNOPP GmbH	
Street:	Adolf - Oesterheld - Straße 1	
Place:	D-97337 DETTELBACH	
Post-office box:	1180	
	D-97337 DETTELBACH	
Telephone:	+49(0)932491990	Telefax: +49(0)9324919966
E-mail:	info@knopp-chemie.com	
Contact person:	Wolfgang Schnabel	
Internet:	www.knopp-chemie.com	

**Further Information**

Article No. (user) 20.240

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

calcium nitrate

**Signal word:**

Danger

**Pictograms:****Hazard statements**

H318 Causes serious eye damage.

**Precautionary statements**

P280	Wear eye protection/face protection.
P305+P351+P338	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/doctor.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**Composition/information on ingredients  
Mixture of water-soluble resins, and fatty acid soaps.

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#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
10124-37-5	calcium nitrate			5 - < 10 %
	233-332-1		01-2119495093-35	
	Acute Tox. 4, Eye Dam. 1; H302 H318			
107-21-1	ethanediol; ethylene glycol			< 0.1 %
	203-473-3	603-027-00-1		
	Acute Tox. 4; H302			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
10124-37-5	233-332-1	calcium nitrate	5 - < 10 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = 2000 mg/kg	
107-21-1	203-473-3	ethanediol; ethylene glycol	< 0.1 %
		dermal: LD50 = 10600 mg/kg; oral: ATE = 500 mg/kg	

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

Remove contaminated, saturated clothing immediately.

###### After inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

###### After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Medical treatment necessary.

###### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

###### After ingestion

Rinse mouth immediately and drink plenty of water.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

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

The product itself does not burn.

##### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protective suit.

##### Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

#### SECTION 6: Accidental release measures

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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

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#### Advice on protection against fire and explosion

Usual measures for fire prevention.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed.

##### Hints on joint storage

Information about storage in one common storage facility:

Materials to avoid: Base.

##### Further information on storage conditions

Storage class:

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
107-41-5	2-Methylpentane-2,4-diol	25	123		TWA (8 h)	WEL
		25	123		STEL (15 min)	WEL
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	WEL
		40	104		STEL (15 min)	WEL

#### DNEL/DMEL values

CAS No	Substance	DNEL type	Exposure route	Effect	Value
10124-37-5	calcium nitrate				

### 8.2. Exposure controls

#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

#### Eye/face protection

Suitable eye protection:

Tightly sealed safety glasses. Eye-shade.

#### Hand protection

Tested protective gloves are to be worn:

Suitable material: NBR (Nitrile rubber).

#### Skin protection

Suitable protective clothing:

Overall. Boots.

#### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

#### Environmental exposure controls

Organisational measures to prevent exposure

Observe the expiry date.

Technical measures to prevent exposure

refer to chapter 7. No further action is necessary.

## SECTION 9: Physical and chemical properties

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

Physical state: liquid  
 Colour: green opaque  
 Odour: like: Soap.

#### Test method

pH-Value (at 20 °C): 4,8

#### Changes in the physical state

Melting point/freezing point: 0 °C

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Boiling point or initial boiling point and boiling range:	100 °C
Softening point:	No data available
Flash point:	No data available
<b>Flammability</b>	
Solid:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Auto-ignition temperature:	No data available
Density (at 20 °C):	1,054 g/cm <sup>3</sup> ISO 758
Water solubility: (at 20 °C)	completely miscible
Partition coefficient n-octanol/water:	No data available
Flow time: (at 23 °C)	10 -14 4 DIN 53211
Solvent content:	0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when handling and storage.

### 10.2. Chemical stability

No decomposition if stored and handled correctly.

### 10.3. Possibility of hazardous reactions

Materials to avoid:  
Alkalis (alkalis), concentrated.

### 10.4. Conditions to avoid

Materials to avoid:  
Alkalis (alkalis), concentrated.

### 10.5. Incompatible materials

Materials to avoid:  
Alkalis (alkalis), concentrated.

### 10.6. Hazardous decomposition products

No known dangerous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

No information available.

#### Acute toxicity

No information available.

#### ATEmix calculated

ATE (oral) 35965 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
10124-37-5	calcium nitrate				
	oral	LD50 2000 mg/kg	Rat	ECHA	
	dermal	LD50 >2000 mg/kg	Rat	ECHA	
107-21-1	ethanediol; ethylene glycol				
	oral	ATE 500 mg/kg			
	dermal	LD50 10600 mg/kg	Rabbit	GESTIS	

#### Irritation and corrosivity

mild irritant.

#### Sensitising effects

No information available.

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#### STOT-repeated exposure

No information available.

#### Specific effects in experiment on an animal

No information available.

#### Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic toxicity  
EC50: >100 mg/l  
Exposure time: 48 h  
species: Daphnia magna

CAS No	Chemical name	Dose	[h]   [d]	Species	Source	Method
10124-37-5	calcium nitrate					
	Acute fish toxicity	LC50	1378 mg/l	96 h		
	Acute algae toxicity	ErC50	1700 mg/l	96 h		
	Acute crustacea toxicity	EC50	490 mg/l	48 h		
	Acute bacteria toxicity	EC50	490 mg/l ( )	0 h		

### 12.2. Persistence and degradability

Method: OECD 302B / ISO 9888 / EEC 88/302 annex V, C.9  
< 70 %  
Is moderately/partly eliminable from water.

### 12.3. Bioaccumulative potential

No information available.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
107-21-1	ethanediol; ethylene glycol	-1,36

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

#### Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

#### Other applicable information

No dangerous good in sense of these transport regulations.

## SECTION 15: Regulatory information

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

#### EU regulatory information

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 75

#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

## SECTION 16: Other information

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#### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

#### Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.  
H318 Causes serious eye damage.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

\* Data changed compared with the previous version.

#### Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Building and construction preparations not covered elsewhere	IS	19	9b	19	5	4g	32, 39	

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

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