

**Safety Data Sheet**

according to UK REACH Regulation

**Contopp RS 20**

Revision date: 08.12.2023

Product code: 30.303.100

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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  
The product is intended for professional use.

**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) : 20.220 \*

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

Skin Corr. 1; H314  
Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

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

sodium aluminate

Signal word: Danger

Pictograms:

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P260	Do not breathe dusts or mists.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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.

**Additional advice on labelling**

Classification according to Regulation (EC) No 1272/2008 [CLP] \*

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Composition/information on ingredients  
Mixture of water-soluble resins, alkalis and fatty acid soaps

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#### Hazardous components

CAS No	Chemical name	Quantity
	EC No	Index No
	REACH No	
	GHS Classification	
1302-42-7	sodium aluminate	15 - < 20 %
	215-100-1	01-2119516051-57
	Skin Corr. 1; H314	
111-46-6	2,2'-oxybisethanol; diethylene glycol	1 - < 5 %
	203-872-2	603-140-00-6
	Acute Tox. 4; H302	
68891-38-3	Sodium Laureth Sulfate	< 1 %
	500-234-8	01-2119488639-16
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412	
68955-55-5	C12-18 Alkyldimethylaminoxid	< 1 %
	931-341-1	01-2119489396-21
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H400 H411	
50-00-0	formaldehyde ... %	< 0.01 %
	200-001-8	605-001-00-5
	Carc. 1B, Muta. 2, Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1; H350 H341 H331 H311 H301 H314 H317	

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	
111-46-6	203-872-2	2,2'-oxybisethanol; diethylene glycol	1 - < 5 %
		dermal: LD50 = 11890 mg/kg; oral: ATE = 500 mg/kg	
68891-38-3	500-234-8	Sodium Laureth Sulfate	< 1 %
		oral: LD50 = 7400 mg/kg	
68955-55-5	931-341-1	C12-18 Alkyldimethylaminoxid	< 1 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = 846 mg/kg	
50-00-0	200-001-8	formaldehyde ... %	< 0.01 %
		inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg Skin Corr. 1B; H314: >= 25 - 100 Skin Irrit. 2; H315: >= 5 - < 25 Eye Irrit. 2; H319: >= 5 - < 25 Skin Sens. 1; H317: >= 0,2 - 100 STOT SE 3; H335: >= 5 - 100	

## 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.

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#### 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.

###### 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
111-46-6	2,2'-Oxydiethanol	23	101		TWA (8 h)	WEL
107-41-5	2-Methylpentane-2,4-diol	25	123		TWA (8 h)	WEL
		25	123		STEL (15 min)	WEL
50-00-0	Formaldehyde	2	2.5		TWA (8 h)	WEL
		2	2.5		STEL (15 min)	WEL

##### 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. EN 166

###### Hand protection

Tested protective gloves are to be worn:

Suitable material:

NBR (Nitrile rubber).

EN ISO 374

Thickness of the glove material >0,4 mm

Breakthrough time: >30 min

###### Skin protection

Only wear fitting, comfortable and clean protective clothing.

###### Environmental exposure controls

Organisational measures to prevent exposure

Observe the expiry date.

Technical measures to prevent exposure

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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:	bright green - white	
Odour:	like: Soap.	
		<b>Test method</b>
pH-Value (at 20 °C):		12
<b>Changes in the physical state</b>		
Melting point/freezing point:		0 °C
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):		1,27 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

## 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.

### 10.4. Conditions to avoid

Materials to avoid:  
Acid.

### 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) 43834 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
111-46-6	2,2'-oxybisethanol; diethylene glycol					
	oral	ATE 500 mg/kg				
	dermal	LD50 11890 mg/kg	Rabbit			
68891-38-3	Sodium Laureth Sulfate					
	oral	LD50 7400 mg/kg	Rat	OECD 401		
68955-55-5	C12-18 Alkyldimethylaminoxid					
	oral	LD50 846 mg/kg	Rat	OECD 401		
	dermal	LD50 >2000 mg/kg	Rat	OECD 402		
50-00-0	formaldehyde ... %					
	oral	ATE 100 mg/kg				
	dermal	ATE 300 mg/kg				
	inhalation vapour	ATE 3 mg/l				
	inhalation dust/mist	ATE 0,5 mg/l				

#### Irritation and corrosivity

mild irritant.

#### Sensitising effects

May cause sensitization by skin contact.

#### 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					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
111-46-6	2,2'-oxybisethanol; diethylene glycol					
	Acute fish toxicity	LC50 > 32000 mg/l	96 h	Gambusia affinis		
68955-55-5	C12-18 Alkyldimethylaminoxid					
	Acute fish toxicity	LC50 1 mg/l	96 h	Danio rerio (zebrafish)	OECD 203	
	Acute algae toxicity	ErC50 0,8 mg/l	72 h	Desmodesmus subspicatus	OECD 201	
	Acute crustacea toxicity	EC50 1 mg/l	48 h	Daphnia magna	OECD 202	

### 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
111-46-6	2,2'-oxybisethanol; diethylene glycol	-1,98 (25°C)

### 12.5. Results of PBT and vPvB assessment

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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

Return IBCs to supplier.

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

##### List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

##### List of Wastes Code - contaminated packaging

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

##### 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 28, Entry 75

##### National regulatory information

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

### SECTION 16: Other information

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

Classification	Classification procedure
Skin Corr. 1; H314	On basis of test data
Eye Dam. 1; H318	On basis of test data

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

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### 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.

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**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

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

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