

Contopp - Aerocrete SFS 3

Print date: 10.12.2020

Product code: 33.104.100

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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 DETTELBAACH	
Post-office box:	1180	
	D-97337 DETTELBAACH	
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) 03.500.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard categories:
 Skin corrosion/irritation: Skin Irrit. 2
 Serious eye damage/eye irritation: Eye Irrit. 2
 Hazardous to the aquatic environment: Aquatic Chronic 3
 Hazard Statements:
 Causes skin irritation.
 Causes serious eye irritation.
 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Signal word:	Warning
Pictograms:	GHS07



Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352	IF ON SKIN: Wash with plenty of water.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

Composition/information on ingredients

Mixture of water-soluble resins, and fatty acid soaps.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	GHS Classification	
REACH No		
203-905-0	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve	15 - < 20 %
111-76-2	20/21/22-36/38	
603-014-00-0	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H332 H312 H302 H315 H319	
500-234-8	Sodium Laureth Sulfate	5 - < 10 %
68891-38-3		
	Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 3; H315 H319 H412	
01-2119488639-16		
931-341-1	C12-18 Alkyldimethylaminoxid	1 - < 5 %
68955-55-5		
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1; H302 H315 H318 H400 H410	
01-2119489396-21		

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

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.

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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 (e.g. 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 ³	fibres/ml	Category	Origin
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	2-Butoxyethanol	butoxyacetic acid (creatinine)	240 mmol/mol	urine	Post shift

8.2. Exposure controls

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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.

Respiratory protection

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

Hand protection

Tested protective gloves are to be worn:
Suitable material: NBR (Nitrile rubber).

Eye protection

Suitable eye protection:
Tightly sealed safety glasses. Eye-shade.

Skin protection

Suitable protective clothing:
Overall. Boots.

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:	blue
Odour:	like: Soap.

pH-Value (at 20 °C):	9 ± 1	Test method
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Changes in the physical state

Melting point:	0 °C
Initial boiling point and boiling range:	100 °C
Softening point:	No data available
Flash point:	No data available

Flammability

Solid:	No data available
Gas:	No data available

Lower explosion limits:	No data available
Upper explosion limits:	No data available

Ignition temperature:	No data available
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Density (at 20 °C):	1,02 ± 0,02 g/cm ³	ISO 758
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Water solubility: (at 20 °C)	completely miscible
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Partition coefficient:	No data available
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Flow time: (at 23 °C)	10 -14	4 DIN 53211
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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:

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

Acute toxicity, oral LD50: 4100 mg/kg species: Rat

Acute toxicity, dermal LD50: > 2000 mg/kg species: Rat.

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve				
	oral	LD50	470 mg/kg	Rat	
	dermal	ATE	1100 mg/kg		
	inhalation vapour	ATE	11 mg/l		
	inhalation aerosol	ATE	1,5 mg/l		
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

Specific effects in experiment on an animal

No information available.

Irritation and corrosivity

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Irritant.

Sensitising effects

no danger of sensitization.

Severe effects after repeated or prolonged exposure

No information available.

Additional information on tests

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

Further information

Data arise from reference works and literature.

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SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity
 EC50: 7,2 mg/l
 Exposure time: 48 h
 species: Daphnia magna

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve					
	Acute fish toxicity	LC50	1490 mg/l	96 h	Lepomis macrochirus	
68955-55-5	C12-18 Alkyldimethylaminoxid					
	Acute fish toxicity	LC50	1 mg/l	96 h	Brachydanio rerio (zebra-fish)	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

100 %
 Easily biodegradable (concerning to the criteria of the OECD)

12.3. Bioaccumulative potential

No information available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
111-76-2	2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve	0,81 (25°C)

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).
 Data arise from reference works and literature.

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.

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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****National regulatory information**

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

SECTION 16: Other information**Relevant R phrases (number and full text)**

- | | |
|----|---------------------------------|
| 38 | Irritating to skin. |
| 41 | Risk of serious damage to eyes. |

Relevant H and EUH statements (number and full text)

- | | |
|------|---|
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very 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

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