

Contopp - Nanosilin 20-Z

Print date: 10.12.2020

Product code: 30.970.100

Page 1 of 5

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Contopp - Nanosilin 20-Z

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

Viscosity control agent

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.: 20.620. *

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
Specific target organ toxicity - single exposure: STOT SE 3
Hazard Statements:
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

2.2. Label elements**Hazard components for labelling**

Potassium Silicate

Signal word: Warning

Pictograms: GHS07

**Hazard statements**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Precautionary statements

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Contopp - Nanosilin 20-Z

Print date: 10.12.2020

Product code: 30.970.100

Page 2 of 5

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 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.

Special labelling of certain mixtures

EUH204 Contains isocyanates. May produce an allergic reaction.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	GHS Classification	
REACH No		
215-199-1	Potassium Silicate	20 - < 25 %
1312-76-1	36/37/38	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335	
01-2119456888-17		

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

Further Information

CAS-Nr. (Ethylen)

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

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

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

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 have to be used. Do not breathe gas/fumes/vapour/spray.

7.2. Conditions for safe storage, including any incompatibilities

Contopp - Nanosilin 20-Z

Print date: 10.12.2020

Product code: 30.970.100

Page 3 of 5

Requirements for storage rooms and vessels

Keep container tightly closed.

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

8.2. Exposure controls**Occupational exposure controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

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

Eye protection

Suitable eye protection:

Tightly sealed safety glasses.

Skin protection

Suitable protective clothing:

Overall.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	pink
Odour:	characteristic fruity

Test method

pH-Value:	11
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Changes in the physical state

Density:	1,12 g/cm ³
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SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

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

Contopp - Nanosilin 20-Z

Print date: 10.12.2020

Product code: 30.970.100

Page 4 of 5

12.1. Toxicity

There are no data available on the mixture itself.

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

Further information

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

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

Not a hazardous material with respect to these transportation regulations.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

Not a hazardous material with respect to these transportation regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

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**Changes**

* Data changed compared with the previous version

Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Contopp - Nanosilin 20-Z

Print date: 10.12.2020

Product code: 30.970.100

Page 5 of 5

H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
EUH204	Contains isocyanates. May produce an allergic reaction.

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