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**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 05.03.2020

Version number 3

Revision: 05.03.2020

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

· **1.1 Product identifier**

· **Trade name** Centripor SK 120

· **Article number:** 997

· **UFI:** 6W7F-80C8-U000-H7XF

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

No further relevant information available.

· **Application of the substance / the mixture**

Concrete/Mortar admixtures

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

· **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG  
Am Kruppwald 1-8  
D-46238 Bottrop  
Tel.: +49(0)2041-101-0  
Fax.: +49(0)2041-101-400  
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG  
Hagackerstr. 10  
CH-8953 Dietikon  
Tel.: +44-7400510  
Fax : +44-7400533

· **Informing department:** msds@mc-bauchemie.de

· **1.4 Emergency telephone number:**

Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +48612864565

**SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



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- **Signal word** Danger
- **Hazard-determining components of labelling:** Sulfohydroxypoly(oxy-1,2-ethandiyl)-C10-C16-alkylether, Sodiumsalt  
Alkyldimethylaminoxid
- **Hazard statements** H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements** P273 Avoid release to the environment.  
P280 Wear protective gloves / 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.  
P321 Specific treatment (see on this label).  
P362+P364 Take off contaminated clothing and wash it before reuse.
- **Additional information:** 8 % of the mixture consists of component(s) of unknown toxicity.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 68585-34-2	Sulfohydroxypoly(oxy-1,2-ethandiyl)-C10-C16-alkylether, Sodiumsalt Eye Dam. 1, H318; Skin Irrit. 2, H315	50-70%
CAS: 68439-57-6 EINECS: 270-407-8 Reg.nr.: 01-2119513401-57-0001	Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥10-<25%
CAS: 308062-28-4	Alkyldimethylaminoxid Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315	≥3-<10%
	n i c h t i o n i s c h e T e n s i d e , METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE Eye Irrit. 2, H319; STOT SE 3, H335	<5%

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· **Additional information**

For the wording of the listed hazard phrases refer to section 16.

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### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

- **After inhalation** Supply fresh air.
- **After skin contact** Instantly rinse with water.
- **After eye contact** Rinse opened eye for several minutes under running water.  
Call a doctor immediately.
- **After swallowing** Rinse out mouth and then drink plenty of water.  
Seek medical treatment.

#### · 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

#### · 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

#### · Suitable extinguishing agents

Use fire fighting measures that suit the environment.

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

No further relevant information available.

#### · 5.3 Advice for firefighters

#### · Protective equipment:

No special measures required.

### SECTION 6: Accidental release measures

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

Not required.

#### · 6.2 Environmental precautions:

Prevent material from reaching sewage system, holes and cellars.  
Dilute with much water.

#### · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

#### · 6.4 Reference to other sections

See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.

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See Section 13 for information on disposal.

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**                      *Ensure good ventilation/exhaustion at the workplace.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *None.*
- **7.3 Specific end use(s)**                      *No further relevant information available.*

#### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:** *The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

· **DNELs**

**68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts**

Oral	DNEL	12.95 mg/kg bw/Tag (ArL)
Dermal	DNEL	2,158.33 mg/kg bw/day (ArL)
Inhalative	DNEL	152.22 mg/m <sup>3</sup> (ArL)

**308062-28-4 Alkyldimethylaminoxid**

Oral	DNEL	0.44 mg/kg bw/Tag (ArL)
Dermal	DNEL	11 mg/kg bw/day (ArL)
Inhalative	DNEL	6.2 mg/m <sup>3</sup> (ArL)

- **Additional information:**                      *The lists that were valid during the compilation were used as basis.*

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- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.

- **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

- **Protection of hands:**

Protective gloves.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

- **Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

Safety glasses

Tightly sealed safety glasses.

- **Body protection:**

Protective work clothing.

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:**

Fluid

**Colour:**

Yellow

- **Smell:**

Weak, characteristic

- **pH-value at 20 °C:**

ca. 9

- **Change in condition**

**Melting point/freezing point:**

Not applicable

**Initial boiling point and boiling range:** 100 °C

- **Flash point:**

Not applicable

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· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.
· <b>Steam pressure at 20 °C:</b>	23 hPa
· <b>Density at 20 °C</b>	1.03 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible
· <b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

**68585-34-2 Sulfohydroxypoly(oxy-1,2-ethandiyl)-C10-C16-alkylether, Sodiamsalt**

Oral	LD50	>2,000 mg/kg (rat)
------	------	--------------------

**68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts**

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	6,300 mg/kg (rabbit)
Inhalative	LC50/4 h	52 mg/l (rat)

**308062-28-4 Alkyldimethylaminoxid**

Oral	LD50	1,064 mg/kg (rat)
Dermal	LD0	>2,000 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.

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- **Respiratory or skin sensitisation** *Based on available data, the classification criteria are not met.*
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** *Based on available data, the classification criteria are not met.*
- **Carcinogenicity** *Based on available data, the classification criteria are not met.*
- **Reproductive toxicity** *Based on available data, the classification criteria are not met.*
- **STOT-single exposure** *Based on available data, the classification criteria are not met.*
- **STOT-repeated exposure** *Based on available data, the classification criteria are not met.*
- **Aspiration hazard** *Based on available data, the classification criteria are not met.*

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

#### **68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts**

IC50/72h	230 mg/l (BEL)
LC50/96h	4.2 mg/l (Danio rerio) 1-10 mg/l (Brachydanio rerio)
EC50/48h	4.5 mg/l (Ceriodaphnia dubia)
NOEC	3.2 mg/l (Ske) 6.7 mg/l (Daphnia magna)
ErC50/72h	5.2 mg/l (Ske)

#### **308062-28-4 Alkyldimethylaminoxid**

LC50/96h	2.67-3.46 mg/l (fish)
EC50/3d	0.1428 mg/l (algae)

### · 12.2 Persistence and degradability

*No further relevant information available.*

### · 12.3 Bioaccumulative potential

*No further relevant information available.*

### · 12.4 Mobility in soil

*No further relevant information available.*

### · Additional ecological information:

#### · General notes:

*Danger to drinking water if even extremely small quantities leak into soil.*

### · 12.5 Results of PBT and vPvB assessment

#### · PBT:

*Not applicable.*

#### · vPvB:

*Not applicable.*

### · 12.6 Other adverse effects

*No further relevant information available.*

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**SECTION 13: Disposal considerations**

· **13.1 Waste treatment methods**

· **Recommendation**                      *Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*

· **European waste catalogue**

16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 10 00	aqueous liquid wastes destined for off-site treatment
16 10 01	aqueous liquid wastes containing dangerous substances

· **Uncleaned packagings:**

· **Recommendation:**                      *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

· **Recommended cleaning agent:**

*Water, if necessary with cleaning agent.*

**SECTION 14: Transport information**

· **14.1 UN-Number**

· **ADR, ADN, IMDG, IATA**                      *Void*

· **14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA**                      *Void*

· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class**    *Void*

· **14.4 Packing group**

· **ADR, IMDG, IATA**                              *Void*

· **14.5 Environmental hazards:**

· **Marine pollutant:**                              *No*

· **14.6 Special precautions for user**                      *Not applicable.*

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

*Not applicable.*

· **UN "Model Regulation":**

*Void*

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### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - H318 Causes serious eye damage.
  - H319 Causes serious eye irritation.
  - H335 May cause respiratory irritation.
  - H400 Very toxic to aquatic life.
  - H411 Toxic to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** Environment protection department.
- **Abbreviations and acronyms:**
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  - ICAO: International Civil Aviation Organisation
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - DNEL: Derived No-Effect Level (REACH)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
  - Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
  - Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
  - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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**· \* Data compared to the  
previous version altered.**

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