



BE SURE. BUILD SURE.

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Safety Data Sheet according to P.U.(A) 310/2013

Printing date 30.03.2025

Version number 12

Revision: 30.03.2025

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** **Centrament Surface Pro**
- **Recommended use of the chemical and restrictions on use**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Defoamers, Anti-foaming agent
- **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

2 Hazard identification

- **Classification of the substance or mixture**
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements** P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/
regional/national/international regulations.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and information of the ingredients of the hazardous chemical

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

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Dangerous components:

CAS: 303152-49-0	Oxirane, 2-ethyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether	30-60%
	Aquatic Chronic 3, H412	

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

4 First-aid measures

Description of first aid measures

- General information** For every first aid measure: Pay attention to self-protection.
- After inhalation** Take the person out into the fresh air.
- After skin contact** Clean with plenty of soap and water. Remove heavily soiled clothing.
- After eye contact** Rinse for 10 minutes under running water with the eyelids open or use eye rinsing solution. Always consult an ophthalmologist!
- After swallowing** Drink plenty of water in small sips. Do not induce vomiting.

5 Fire-fighting measures

- Extinguishing media**
- Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture** No further relevant information available.
- Advice for firefighters**
- Protective equipment:** No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures** Not required.
- Environmental precautions:** No special measures required.
- Methods and material for containment and cleaning up:** Collect mechanically.
- Reference to other sections** No dangerous materials are released. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.

7 Handling and storage

- Handling**
- Precautions for safe handling** Avoid splashing. Do not leave containers open.

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- **Information about protection against explosions and fires:** *Provide washing facilities in the work area.
Provide an eye shower or eyewash bottle.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** *Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.*
- **Information about storage in one common storage facility:** *Store containers tightly closed in a well-ventilated and well-lit room.
Access only for authorised personnel.
Do not store in break rooms, recreation rooms or sanitary facilities or in stairwells, corridors, escape and rescue routes, passageways, thoroughfares and confined spaces.*
- **Further information about storage conditions:** *Combined storage bans apply from a total storage quantity of 200 kg.
Do not store together with substances of the following LGK: 1; 6.2; 7
Storage with substances of the following LGK is only possible under the conditions specified in TRGS 510: 4.1A; 4.3; 5.1C*
- **Storage class** *Protect from heat and direct sunlight.
12*

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** *No further data; see section 7.*
- **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.*
- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** *Do not store any foodstuffs or eat, drink, snuff or smoke in the work area!
Avoid contact with eyes and skin!
Clean hands thoroughly after work and before cleaning!
Use skin care products after work (moisturising cream).
Change and clean heavily soiled clothing!*
- **Breathing equipment:** *If the limit value is exceeded:
Combination filter A-P2 (brown/white).*
- **Protection of hands:** *Gloves made of: Natural latex, polychloroprene, nitrile rubber.
(Category 3 chemical protective gloves, recognisable by the CE*

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- **Material of gloves** mark with four-digit test number).
- **Penetration time of glove material** When wearing protective gloves, cotton undergloves are recommended.
see "Hand protection"
- **Eye protection:** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Body protection:** Safety glasses
Protective work clothing.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

- **Form:** Fluid
- **Colour:** Light yellow
- **Smell:** Characteristic
- **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 7

· Change in condition

- **Melting point/freezing point** Not determined
- **Initial boiling point and boiling range** Not determined

· **Flash point:** Not applicable

· **Flammability** Not determined.

· **Auto-ignition temperature** >200 °C

· **Decomposition temperature:** Not determined.

· **Ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive.

· Critical values for explosion:

- **Lower:** Not determined.
- **Upper:** Not determined.

· **Steam pressure:** Not applicable.
Not determined.

· **Density at 20 °C** 1 g/cm³

· **Relative density** Not determined.

· **Vapour density** Not applicable.

· **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with Water:** Fully miscible

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· **Partition coefficient: n-octanol/water** Not determined.

· **Viscosity:**
dynamic at 20 °C: <100 mPas
kinematic: Not applicable.
Not determined.

· **Other information** No further relevant information available.

10 Stability and reactivity

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

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

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

CAS: 303152-49-0 Oxirane, 2-ethyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl)ether

Oral LD50 >2000 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion or irritation** No irritant effect.
- **Serious eye damage or eye irritation** No irritant effect.
- **Respiratory / skin sensitization** No sensitizing effect known.

· **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.



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12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal information

- **Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transportation information

- | | |
|---------------------------------------|-----------------|
| · UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | |
| · ADR, IMDG, IATA | Void |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |

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- **Transport in bulk according to Annex II of Marpol and the IBC Code** *Not applicable.*
- **Transport/Additional information:** *Not dangerous according to the above specifications.*
- **UN "Model Regulation":** *Void*

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **EHS reference list**

None of the ingredients is listed.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

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.

- **Department issuing data specification sheet:** *Environment protection department.*
- **Contact:**
- **Abbreviations and acronyms:** *ADR: Accord relatif au transport international 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
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Aquatic Chronic 3: Hazardous to the aquatic environment - chronic hazard – Category 3*

- *** Data compared to the previous version altered.**