

Safety Data Sheet

according to UK REACH Regulation

Contopp Compound 10

Revision date: 08.12.2023

Product code: 30.310.100

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

Contopp Compound 10

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 | |

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

Skin Corr. 1; H314
Eye Dam. 1; H318
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

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

Potassium Silicate
sodium aluminate
propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger**Pictograms:****Hazard statements**

H314 Causes severe skin burns and eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dusts or mists.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves and eye/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.

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 |
| | GHS Classification | REACH No |
| 1312-76-1 | Potassium Silicate | 1 - < 5 % |
| | 215-199-1 | 01-2119456888-17 |
| | Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335 | |
| 1302-42-7 | sodium aluminate | 1 - < 5 % |
| | 215-100-1 | 01-2119516051-57 |
| | Skin Corr. 1; H314 | |
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | 1 - < 5 % |
| | 200-661-7 | 603-117-00-0 |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 | |
| 141-43-5 | 2-aminoethanol; ethanolamine | < 1 % |
| | 205-483-3 | 603-030-00-8 |
| | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B; H332 H312 H302 H314 | |
| 61788-46-3 | amines, coco alkyl | < 1 % |
| | 262-977-1 | 612-285-00-4 |
| | Acute Tox. 4, Skin Corr. 1B, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H335 H373 H304 H400 H410 | |
| 68891-38-3 | Sodium Laureth Sulfate | < 0.1 % |
| | 500-234-8 | 01-2119488639-16 |
| | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412 | |
| 50-00-0 | formaldehyde ... % | < 0.2 % |
| | 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 | |
| 141-43-5 | 205-483-3 | 2-aminoethanol; ethanolamine | < 1 % |
| | | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 1025 mg/kg; oral: LD50 = 1515 mg/kg STOT SE 3; H335: >= 5 - 100 | |
| 61788-46-3 | 262-977-1 | amines, coco alkyl | < 1 % |
| | | oral: ATE = 500 mg/kg Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=10 | |
| 68891-38-3 | 500-234-8 | Sodium Laureth Sulfate | < 0.1 % |
| | | oral: LD50 = 7400 mg/kg | |
| 50-00-0 | 200-001-8 | formaldehyde ... % | < 0.2 % |
| | | 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.

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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.

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 ³ | fibres/ml | Category | Origin |
|-----------|--------------------------|-----|-------------------|-----------|---------------|--------|
| 111-46-6 | 2,2'-Oxydiethanol | 23 | 101 | | TWA (8 h) | WEL |
| 141-43-5 | 2-Aminoethanol | 1 | 2.5 | | TWA (8 h) | WEL |
| | | 3 | 7.6 | | STEL (15 min) | 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 |
| 1310-58-3 | Potassium hydroxide | - | 2 | | STEL (15 min) | WEL |
| 67-63-0 | Propan-2-ol | 400 | 999 | | TWA (8 h) | WEL |
| | | 500 | 1250 | | 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

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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

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: Paste, viscous

Colour: green

Odour: like: Soap.

pH-Value (at 20 °C): 12

Changes in the physical state

Melting point/freezing point: 0 °C

Boiling point or initial boiling point and boiling range: 100 °C

Softening point: No data available

Flash point: 140 °C

Flammability

Solid: No data available

Lower explosion limits: 1,7 vol. %

Upper explosion limits: 37 vol. %

Auto-ignition temperature: No data available

Density (at 20 °C): 1,0 g/cm³

Water solubility: completely miscible

(at 20 °C)

Partition coefficient n-octanol/water: No data available

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

No information available.

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ATEmix calculated

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

| CAS No | Chemical name | | | | | |
|------------|------------------------------|---------------|-----------|---------|----------|--------|
| | Exposure route | Dose | | Species | Source | Method |
| 141-43-5 | 2-aminoethanol; ethanolamine | | | | | |
| | oral | LD50 mg/kg | 1515 | Rat | | |
| | dermal | LD50 mg/kg | 1025 | Rabbit | IUCLID | |
| | inhalation vapour | ATE | 11 mg/l | | | |
| | inhalation dust/mist | ATE | 1,5 mg/l | | | |
| 61788-46-3 | amines, coco alkyl | | | | | |
| | oral | ATE | 500 mg/kg | | | |
| 68891-38-3 | Sodium Laureth Sulfate | | | | | |
| | oral | LD50 mg/kg | 7400 | Rat | OECD 401 | |
| 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 |
| 141-43-5 | 2-aminoethanol; ethanolamine | | | | | |
| | Acute fish toxicity | LC50 | 150 mg/l | 96 h | Onchorhynchus mykiss | IUCLID |
| | Acute algae toxicity | ErC50 | 22 mg/l | 72 h | Desmodesmus subspicatus | |
| | Acute crustacea toxicity | EC50 | 65 mg/l | 48 h | Daphnia magna | |

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 |
|----------|------------------------------|--------------|
| 141-43-5 | 2-aminoethanol; ethanolamine | -1,91 (25°C) |

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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).

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 40, 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 |
| Aquatic Chronic 3; H412 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful 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. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H341 | Suspected of causing genetic defects. |
| H350 | May cause cancer. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |

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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.

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

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

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