

Safety Data Sheet

according to UK REACH Regulation

Ultimate 4 Compound

Print date: 05.08.2026

Product code: 20.293.100

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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 work.

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 - Str. 1
 Place: D-97337 Dettelbach
 Telephone: +49932491990 Telefax: +499324919966
 E-mail: info@knopp-chemie.com
 Contact person: Wolfgang Schnabel
 Internet: www.knopp-chemie.com

1.4. Emergency telephone number:

Tox Info Suisse Tel.: 145
 Giftnotruf Berlin (24 h): 030 30686700

Further Information

Article no.: 20.908.

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

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements**Special labelling**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
 EUH210 Safety data sheet available on request.

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

aqueous mixture of polycarboxylate and safe adjuvants

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS Classification	
REACH No		
220-120-9	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	
2634-33-5	22-38-41-43-50	< 0.036 %
613-088-00-6	Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H302 H315 H318 H317 H400 H410	

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

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SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious but breathing normally, place in recovery position and seek medical advice.

After inhalation

Provide fresh air. Remove casualty to fresh air and keep warm and at rest.
In case of irregular breathing or respiratory arrest provide artificial respiration.

After contact with skin

Wash with plenty of water. Change contaminated clothing.
Wash with plenty of water/?.
Do not wash with: Solvent/Thinner.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

Rinse mouth immediately and drink plenty of water. If swallowed, rinse mouth with water (only if the person is conscious).
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.
Do NOT induce vomiting.
Caution if victim vomits: Risk of aspiration!

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

Co-ordinate fire-fighting measures to the fire surroundings. alcohol resistant foam. Carbon dioxide.
Powder. Water fog.

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn. Burning produces heavy smoke.
Danger of serious damage to health by prolonged exposure.
Use appropriate respiratory protection.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers.
Do not allow water used to extinguish fire to enter drains or waterways.

Additional information

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**

Avoid breathing dust/fume/gas/mist/vapours/spray.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.

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In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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. Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed containers for disposal.

Clean with detergents. Avoid solvent cleaners.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Wear personal protection equipment.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Hints on joint storage

Do not store together with: Oxidizing agents. Strong acid, strong alkalis

Further information on storage conditions

storage temperature: +5 - +30 °C

Keep container tightly closed and in a well-ventilated place. Keep container dry.

When using do not smoke.

Access is only to be granted to authorised personal.

Always close containers tightly after the removal of product.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	WEL
		40	104		STEL (15 min)	WEL

8.2. Exposure controls**Occupational exposure controls**

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Respiratory protection

not applicable

Hand protection

Suitable material:

In case of prolonged or frequently repeated skin contact: NBR (Nitrile rubber).

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penetration time (maximum wearing period): 0,5 h

See information supplied by the manufacturer.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

Eye protection

Wear eye/face protection.

Skin protection

not applicable

Environmental exposure controls

Do not allow to enter into surface water or drains.

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

Physical state:	Paste
Colour:	white - beige
Odour:	characteristic

Test method

pH-Value (at 20 °C):	7,0
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Changes in the physical state

Melting point/freezing point:	0 °C
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Boiling point or initial boiling point and boiling range:	100 °C
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Flash point:	No data available	DIN 53213
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Flammability

Solid:	not applicable
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Explosive properties

not relevant

Lower explosion limits:

Upper explosion limits:

Auto-ignition temperature:	not applicable
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Self-ignition temperature

Solid:	not relevant
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Gas:	not relevant
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Oxidizing properties

Not oxidizing.

Vapour pressure:	No data available
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Density (at 20 °C):	1,06 g/cm ³	DIN 53217
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Bulk density:	not applicable
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Water solubility:	completely miscible
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Flow time: (at 23 °C)	10 - 15	4 DIN 53211
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Solvent separation test:	<3 % (ADR/RID)
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9.2. Other information

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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.

10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents. Strong acid, strong alkalis

10.4. Conditions to avoid

In case of warming: Thermal decomposition.

10.6. Hazardous decomposition products

Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

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

Acute toxicity, oral
LD50: > 2000 mg/kg
OECD 401
species: Rat.

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one				
	oral	ATE	450 mg/kg		
	inhalation dust/mist	ATE	0,21 mg/l		

Irritation and corrosivity

Irritant effect on the eye: Not an irritant.
species: Rabbit.
Method: OECD 405

Sensitising effects

species: Guinea-pig.
Method: OECD 406.
Evaluation: no danger of sensitization.

Additional information on tests

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

Further information

There are no data available on the preparation/mixture itself.
The preparation is not dangerous in the sense of Directive 1999/45/EC.
Data apply to technical substance.

SECTION 12: Ecological information**12.1. Toxicity**

Aquatic toxicity
EC50:
Exposure time: 48 h
species: Pseudomonas putida
> 10000 mg/kg

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EC50:
Exposure time: 48 h
species: Daphnia magna
> 200 mg/l

LC50:
Exposure time: 96 h
species: Danio rerio (zebrafish)
> 1000 mg/l

12.2. Persistence and degradability

> 70 %
OECD 302B / ISO 9888 / EEC 88/302 annex V, C.9

12.3. Bioaccumulative potential

No information available.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). There are no data available on the preparation/mixture itself.
Do not allow to enter into surface water or drains.
The information about ecology refers to the active component.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.
Do not allow to enter into surface water or drains.
Remove according to the regulations.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled. Completely emptied packages can be recycled.
Remove according to the regulations.

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

14.1. UN number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

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14.1. UN number: -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -**Other applicable information (marine transport)**

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number:** -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

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

not applicable

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)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

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.

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