

RCT Air Entraining Agent

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

1.1. Product identifier

RCT Air entraining agent

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

Use of the substance/mixture

Concrete/mortar admixtures for industrial and commercial consumers

1.3. Details of the supplier providing the safety data sheet

Company name: Reisacher Chemie & Technik GmbH
Street: Hermann-Krum-Str. 7
Place: 88319 Aitrach (Germany)
Phone: +49 7565 942687 - 0 Telefax: +49 7565 942687 - 90
E-Mail: info@rct-germany.de
Contact person: Dr. Rockermaier
E-Mail: m.rockermaier@rct-germany.de
Homepage: www.rct-germany.de
Informing department: Laboratory

1.4. Emergency phone number:

+49 7565 942687 - 0

The emergency number is only available on weekdays (Mon-Fri) from 8:30 to 16:00 (CET).

SECTION 2: Possible hazards

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Irrit.2 H319 Causes severe eye irritation.

2.2. Label elements:

Signal word: Attention
Pictogram: GHS07



Hazard statements:

H319 Causes severe eye irritation.

Safety advice

P264 Wash thoroughly after use.

P280 Wear eye/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove existing contact lenses if possible. Continue to rinse.

P337+P313 If eye irritation persists: seek medical advice/attention.

Additional information:

EUH208 Contains mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl- 2H-isothiazol-3-one [EC No. 220-239-6] (3:1). May cause allergic reactions.

Special labeling of certain mixtures

2.3. Other hazards

PBT:

not applicable

vPvB:

not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

not applicable

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3.2. Mixtures

Chemical characterization

Water-based surfactant solution.

Hazardous ingredients

CAS: 68439-57-6	Sulfonic acids, C16-, C16- alkane, Na salts	<2,5%
EINECS: 270-407-8	Eye Dam. 1, H318; Skin Irrit. 2, H315	

Additional information:

Wording of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

For any first aid measure: always observe self-protection of the first aider (e.g. wear protective gloves).

After inhalation

In case of indisposition or breathing difficulties: Supply fresh air or oxygen; seek medical assistance.

After contact with skin

Wash off with soap and water.

After contact with eyes

Rinse opened eye for several minutes with running water and seek medical attention.

After ingestion

Rinse mouth, drink plenty of water in small sips and seek immediate medical advice.

Show package or label to attending physician.

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

No further relevant information available.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Match fire extinguishing measures to the surrounding area.

Unsuitable extinguishing media

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for fire fighting

Special protective equipment:

Wear self-contained breathing apparatus.

Additional information

Product itself does not burn.

The local emergency plan must be observed.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Move persons to safety.

Wear protective equipment. Keep unprotected persons away.

6.2. Environmental precautions

Do not allow to enter drains, water courses or soil.

6.3. Methods and material for containment and cleaning up

Scatter residues e.g. with sand and remove mechanically.

6.4. Reference to other sections

Safe handling: see section 7

Personal protective equipment: see section 8

Disposal: see section 13

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SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Precautions for safe handling

Keep the product out of the reach of children.

Fire and explosion protection precautions

No special measures required.

7.2. Conditions for safe storage taking into account incompatibilities

Requirements for storage rooms and containers

Store in a cool place.

Information on storage in one common storage facility

Please observe the storage concept for the combined storage of chemicals according to TRGS 510.

Further information on storage conditions

none

Storage class:

Storage class: 12 (Non-flammable liquids).

7.3. Specific end use

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional advice on the design of technical equipment

Provide washing facilities in the work area.

Provide eye wash or eye spray bottle.

8.1. Parameters to be monitored

Components with limit values that require monitoring at the workplace

The product does not contain any relevant quantities of substances with limit values that require monitoring at the workplace.

Additional information

The lists valid at the time of preparation were used as a basis.

8.2. Exposure controls and monitoring



Suitable technical control equipment

Use personal protective equipment.

Protective and hygienic measures

Observe the usual precautionary measures when handling chemicals.

Avoid contact with eyes and skin. Change clothing that is heavily contaminated with this product.

Provide thorough skin cleansing after work and before breaks.

Eye/face protection

Safety glasses.

Hand protection

Gloves made of nitrile, butyl rubber.

Glove material: Butyl rubber - II R : thickness 0.425mm; breakthrough time 480 min.

Penetration time of the glove material: The exact breakthrough time must be obtained from the protective glove manufacturer and must be adhered to.

Body protection

Protective work clothing.

Respiratory protection

Not required.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:		liquid
Color:		brownish
Odor:		characteristic
pH value	at 20 °C:	7
Melting point/Melting range:		not determined
Boiling point/Boiling range:	(1013 hPa)	not determined
Flash point:		not applicable
Autoflammability:		The product is not autoflammable.
Explosion hazard:		The product is not explosive.
Vapor pressure:		not determined.
Density:	(20°C)	approx. 1 g/cm ³
Solubility in / Miscibility with water:		miscible

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

No decomposition when used as directed.

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 hazardous decomposition products known if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Akute toxicity

Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

No data available.

Primary irritant effect:

No irritant effect known.

On the skin:

Based on available data, the classification criteria are not met.

On the eye:

Causes severe eye irritation.

Sensitization:

Based on available data, the classification criteria are not met.

CMR effects (carcinogenic, mutagenic and toxic 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.

Specific target organ toxicity (single exposure)

Based on available data, the classification criteria are not met.

Specific target organ toxicity in case of repeated exposure

Based on available data, the classification criteria are not met.

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Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Environmental information

12.1. Toxicity

Aquatic toxicity:

No further relevant information available.

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.

12.5. Results of PBT and vPvB assessment

not applicable

Further ecological information:

General information:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, bodies of water or sewage system.

PBT:

not applicable

vPvB:

not applicable

12.6. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment procedures

Recommendation

Transfer to approved disposal companies.

Waste code product

Waste code uncleaned packaging

Dispose of in accordance with official regulations.

Recommended cleaning agent:

Water, if necessary with addition of cleaning agents.

SECTION 14: Transport information

Land transport (ADR/RID/ADN/IMDG/IATA)

UN-number not applicable

UN proper shipping name: not applicable

Transport hazard class: not applicable

Packing group: not applicable

Hazard label: not applicable

Marine pollutant no

Transport/further information

No dangerous goods according to above regulations.

SECTION 15: Legislation

15.1. Safety, health and environmental regulations/specific legislation for the substance or mixture

EU regulations

Regulation (EC) No 1907/2006 Annex XVII Restriction conditions: 3

National regulations

Water hazard class 1 - slightly hazardous to water

The classification of the water hazard class was made according to the regulations of the AwSV.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

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SECTION 16: Other information

Abbreviations and acronyms

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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin Irritant/Corrosive - Category 2
Eye Dam. 1: Serious eye damage/eye irritation - Category 1
Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

Wording of H and EUH phrases (number and full text)

H315 Causes skin irritation.
H318 Causes serious eye damage.

Further information

The information is based on the current state of our knowledge, but does not constitute a warranty of product characteristics and does not establish a contractual legal relationship.