

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1 Product identifier
Trade name: Montagelösung RB
Article number: ZUB00896

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 confectioning solution

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:

ContiTech Conveyor Belt Group

Breslauerstr. 14

D-37154 Northeim

+49 5551-702207

Further information obtainable from:

Hazardous substances management

industriehygiene@conti.de

1.4 Emergency telephone number: Phone: +49 (0)511 976-3300

SECTION 2: Hazards identification
2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008


GHS02 flame

 Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 health hazard

 Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS09 environment

 Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

 STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008

The product is classified according to the CLP regulation.

Hazard pictograms GHS02, GHS07, GHS08, GHS09

Signal word Danger

Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light

Hazard statements

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P243 Take precautionary measures against static discharge.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P240 Ground/bond container and receiving equipment.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P405 Store locked up.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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:

Solution of a rubber compound with inorganic and organic additives (fillers, curing agents, ageing protective agents and plasticizers)

Dangerous components:

EC number: 920-750-0 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336	50-100%
CAS: 1314-13-2 EINECS: 215-222-5 Reg.nr.: 01-2119463881-32	zinc oxide ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0,3-1,0%

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area.

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Headache, dizziness, feeling of sickness, anaesthetization, dry skin, irritation of skin, eyes and respiratory system.

Hazards

Small amounts that come into the lungs during swallowing or vomiting may cause severe injury of the lungs (lung oedema, pneumonia).

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4.3 Indication of any immediate medical attention and special treatment needed

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No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, sand, extinguishing powder.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

In case of fire, the following can be released: CO, CO₂, NO_x, SO₂, carbon black, pyrolysis products

lead oxide

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

6.2 Environmental precautions:

Do not allow to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to item 13.

Do not flush with water or aqueous cleansing agents

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Information about fire - and explosion protection:

Product is flammable. Do not smoke. Keep away from ignition sources.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Fumes can combine with air to form an explosive mixture.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Provide solvent resistant, sealed floor.

Information about storage in one common storage facility:

Do not store together with food, animal feedingstuff or textiles. See recommendation of the German Chemical Industry Association (VCI), September 1993.

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Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.
Heat will increase pressure and may lead to the receptacle bursting.

Storage class: 3 Flammable liquids (Flash point < 55 °C)

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

AGW (Germany)	Short-term value: 2800 mg/m ³ Long-term value: 1400 mg/m ³ rcp-Methode
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DNELs

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Dermal	DNEL Arbeiter langfristig systemisch	773 mg/kg bw/d (-)
Inhalative	DNEL Arbeiter langfristig systemisch	2035 mg/m ³ (-)

PNECs

1314-13-2 zinc oxide

PNEC Erdreich	0,0356 mg/kg soil dw (-)
PNEC Kläranlage	0,1 mg/L (-)
PNEC Sediment (Frischwasser)	0,1178 mg/kg sedim dw (-)
PNEC Sediment (Meerwasser)	0,0565 mg/kg sedim dw (-)
PNEC aqua (Frischwasser)	0,0206 mg/L (-)
PNEC aqua (Meerwasser)	0,0061 mg/L (-)

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures: Avoid contact with the eyes and skin.

Respiratory protection:

If occupational exposure limits are exceeded, use breathing mask (filter type A). Wear self-contained breathing apparatus in case of danger of oxygen displacement.

Protection of hands:

Solvent resistant gloves

Material of gloves

Nitrile rubber

Fluorocarbon rubber (Viton)

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:



Tightly sealed goggles

Body protection: Wear antistatic safety shoes.

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Limitation and supervision of exposure into the environment

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See section 6 and 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Black
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not determined.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	>100 °C

Flash point: <10 °C

Flammability (solid, gaseous): Not applicable.

Ignition temperature:

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower:	1,0 Vol %
Upper:	6,7 Vol %

Vapour pressure: Not determined.

Density at 20 °C:	< 1,0 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
water:	Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic at 23 °C:	140 mPas
Kinematic:	Not determined.

Solvent content:

Organic solvents: 85 %

Solids content: 15 %

9.2 Other information 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:

Under atmospheric pressure distillation of solvent(s) without decomposition possible

Thermal decomposition at sustained high temperatures exceeding 250 °C.

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- 10.3 Possibility of hazardous reactions** No dangerous reactions known.
10.4 Conditions to avoid No further relevant information available.
10.5 Incompatible materials: Strong oxidizing agents
10.6 Hazardous decomposition products: See items 5 and 8

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral	LD50	382379 mg/kg
Dermal	LD50	3427 mg/kg
Inhalative	LC50 (Stäube und Nebel)	15,4 mg/l (rat)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

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

May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

Other information: No data available for the preparation itself.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: No data available for the preparation itself

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

The product contains materials that are harmful to the environment.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according EC-regulations 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

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Recommendation

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

Must be specially treated adhering to official regulations.

Contact manufacturer for recycling information.

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG

UN1287

14.2 UN proper shipping name

ADR

RUBBER SOLUTION, ENVIRONMENTALLY HAZARDOUS

IMDG

Rubber solution, ENVIRONMENTALLY HAZARDOUS

14.3 Transport hazard class(es)

ADR, IMDG



Class

3 Flammable liquids.

Label

3

14.4 Packing group

ADR, IMDG

II

14.5 Environmental hazards:

Marine pollutant:

Symbol (fish and tree)

Special marking (ADR):

Symbol (fish and tree)

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code:

33

EMS Number:

F-E,S-D

14.7 Transport in bulk according to Annex II

of Marpol and the IBC Code

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

Transport category

2

Tunnel restriction code

D/E

UN "Model Regulation":

UN1287, RUBBER SOLUTION, ENVIRONMENTALLY HAZARDOUS, 3, II

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SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Recommended restriction of use For industrial purposes only.

Department issuing MSDS:

Hazardous substances management

industriehygiene@conti.de

Abbreviations and acronyms:

Flam. Liq. 2: Flammable liquids, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Sources
<http://www.dguv.de/ifa/de/gestis/stoffdb/>
<http://echa.europa.eu/information-on-chemicals/cl-inventory>
<http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
<http://www.reach-clp-biozid-helpdesk.de/de/Downloads/CLP-VO/>

CLP VO Anhang VI Tabelle 3 2.pdf

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