



Trade name: Trometamolium hydrochlorid

Substance number: 068385

Version: 1 / CH

Date revised: 10.01.12

Replaces Version: - / CH

Date of printing: 16.08.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trometamolium hydrochlorid

Item-No. 06838500

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of person responsible for this SDS sdb@haenseler.ch

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

Classification in accordance with EC directives

Classification Xi, R36/37/38

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements

P264.1 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.



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P337+P313

If eye irritation persists: Get medical advice/attention.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Irritant

R phrases

36/37/38

Irritating to eyes, respiratory system and skin.

S phrases

26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36

Wear suitable protective clothing.

3. Composition/information on ingredients**Hazardous ingredients****2-amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride**

CAS No.

1185-53-1

EINECS no.

214-684-5

Concentration

>= 50 %

Classification

Xi

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2

H315

Eye Irrit. 2

H319

STOT SE 3

H335

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

Seek medical advice immediately. In any case show the physician the Safety Data Sheet.

After inhalation

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. Summon a doctor immediately.

After skin contact

Wash off immediately with soap and water and rinse well. Summon a doctor immediately.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Summon a doctor immediately.

5. Firefighting measures



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5.1. Extinguishing media

Suitable extinguishing media

Water mist, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid dust formation. Do not inhale dust. Ensure adequate ventilation.

6.2. Environmental precautions

Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Suitable industrial vacuum cleaners or central exhaust ventilation equipment must be used for taking up dust (with a suitable filter to prevent particles blowing back into the atmosphere e.g. Type H(BS5415)). Take up mechanically and collect in suitable container for disposal.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes. Avoid dust formation. Avoid formation of aerosols. Provide exhaust ventilation if dust is formed. Observe the usual precautions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place. Storage rooms must be properly ventilated.

Further information on storage conditions

Product is hygroscopic.

8. Exposure controls/personal protection

8.2. Exposure controls

Exposure controls

See chapter 7. No measures exceeding the ones mentioned are necessary.

General protective and hygiene measures

Observe the usual precautions when handling chemicals. Wash hands before breaks and after work.

Respiratory protection

Particle filter half mask, filter P1

Hand protection

Gloves

Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Eye protection

Safety glasses



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Body protection

Protective clothing

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

crystalline

pH

Remarks

not volatile

Source

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Melting point

Value

150 to 152 °C

Source

Safety Data Sheet Supplier

Boiling point

Remarks

No data available

Source

Safety Data Sheet Supplier

Flash point

Remarks

No data available

Source

Safety Data Sheet Supplier

Explosion limits

Remarks

No data available

Source

Safety Data Sheet Supplier

Solubility in water

Remarks

No data available

Source

Safety Data Sheet Supplier

Ignition temperature

Remarks

No data available

Source

Safety Data Sheet Supplier

10. Stability and reactivity**10.4. Conditions to avoid**

No decomposition if stored and applied as directed. Protect from atmospheric moisture and water.

10.5. Incompatible materials

Bases, Oxidising agents

10.6. Hazardous decomposition productsIn the event of fire the following can be released: Carbon monoxide and carbon dioxide, nitrous oxides (NO_x), Hydrogen chloride (HCl)**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Remarks

No data available.

Source

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Skin corrosion/irritation

Remarks

No data available.

Source

Safety Data Sheet Supplier



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Serious eye damage/irritation

Remarks	No data available.
Source	Safety Data Sheet Supplier

Sensitization

Remarks	No data available.
Source	Safety Data Sheet Supplier

Subacute, subchronic, chronic toxicity

Remarks	No data available.
Source	Safety Data Sheet Supplier

Experience in practice

May be harmful by inhalation, ingestion, skin adsorption. Inhalation of dusts may irritate the respiratory tract.

Other information

Quantitative data concerning toxicity are not available.

12. Ecological information**12.2. Persistence and degradability****Biodegradability**

Remarks	No data available.
Source	Safety Data Sheet Supplier

12.6. Other adverse effects**General information / ecology**

Ecological data are not available.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information**Land transport ADR/RID**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information**16. Other information****Hazard statements listed in chapter 3**

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May cause respiratory irritation.

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.