



Trade name: Procaini hydrochloricum

Substance number: 067416

Version: 2 / CH

Date revised: 25.06.12

Replaces Version: 1 / CH

Date of printing: 25.06.12

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

1.1. Product identifier

Procaini hydrochloricum

Item-No. 06741600

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

Use of the substance/preparation

Reagent for analyses

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)
Acute Tox. 3 H301
Skin Sens. 1 H317

Classification in accordance with EC directives

Classification T, R25
R43

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Danger

Hazard statements

H301 Toxic if swallowed.
H317 May cause an allergic skin reaction.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.



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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

Toxic

R phrases

25 Toxic if swallowed.
43 May cause sensitization by skin contact.

S phrases

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazardous component(s) to be indicated on label

contains Procaine hydrochloride

3. Composition/information on ingredients**Registration no.**

EC No.: 200-077-2

Hazardous ingredients**Procaine hydrochloride**

CAS No.	51-05-8			
EINECS no.	200-077-2			
Concentration		>=	50	%
Classification	R25 R43			

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

H301
H317

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. Seek medical advice immediately.

After skin contact

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

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical aid immediately.

After ingestion

Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Summon a



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doctor immediately.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / treatment

Treat symptomatically

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Dry chemical extinguisher, Carbon dioxide, Alcohol-resistant foam

5.2. Special hazards arising from the substance or mixture

Development of toxic gases; In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Nitrogen oxides (NO_x); Hydrogen chloride gas

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

Do not inhale dust. Ensure adequate ventilation. Respiratory protection. Avoid dust formation. Do not inhale vapours. Remove persons to safety.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Avoid raising dust. Take up mechanically and collect in suitable container for disposal. Provide adequate ventilation.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Handle in protective atmosphere. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with skin, eyes and clothing. Avoid formation of aerosols. Avoid dust formation. Provide exhaust ventilation if dust is formed.

Advice on protection against fire and explosion

Avoid formation of dust. Avoid deposition of dust.

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from light. Protect from atmospheric moisture and water.

8. Exposure controls/personal protection

8.1. Control parameters



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Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls**General protective and hygiene measures**

Hold eye wash fountain available. Hold emergency shower available. Provide adequate ventilation. Avoid contact with eyes and skin. Wash hands before breaks and after work.

Respiratory protection

Full mask

Hand protection

Protective 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; Face shield

Body protection

Clothing as usual in the chemical industry.

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

Form	Crystalline powder
Colour	white
pH	
Remarks	No data available
Melting point	
Value	153 to 158 °C
Boiling point	
Remarks	No data available
Flash point	
Remarks	No data available
Vapour pressure	
Remarks	No data available
Density	
Remarks	No data available
Solubility in water	
Remarks	No data available

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

Protect from light. Avoid dust formation. Protect from exposure to air/oxygen.

10.5. Incompatible materials

Reactions with strong oxidising agents.

10.6. Hazardous decomposition productsnitrous oxides (NO_x), Carbon monoxide and carbon dioxide, nitrogen, Hydrogen chloride (HCl)



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11. Toxicological information ***

11.1. Information on toxicological effects

Acute oral toxicity ***

Species	rat			
LD50		to	200	mg/kg
Duration of exposure	=			

Skin corrosion/irritation

Remarks	No data available.
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Serious eye damage/irritation

Remarks	No data available.
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Sensitization

Remarks	May cause allergic skin reactions.
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Mutagenicity

Remarks	No information available.
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Reproduction toxicity

Remarks	No data available.
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Carcinogenicity

Remarks	No evidence available on carcinogenicity.
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12. Ecological information

12.1. Toxicity

Fish toxicity

Remarks	No data available.
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12.2. Persistence and degradability

Biodegradability

Remarks	No data available.
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12.6. Other adverse effects

General information / ecology

Ecological data are not available. Do not allow it to reach soil, ground water, water bodies or sewage system.

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

14.1. UN number

UN 2811

14.2. UN proper shipping name



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TOXIC SOLID, ORGANIC, N.O.S

Danger releasing substance Procaine hydrochloride

14.3. Transport hazard class(es)

Class 6.1

Label 6.1

14.4. Packing group

Packing group III

Marine transport IMDG/GGVSee**14.1. UN number**

UN 2811

14.2. UN proper shipping name

TOXIC SOLID, ORGANIC, N.O.S

Danger releasing substance Procaine hydrochloride

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group III

Air transport ICAO/IATA**14.1. UN number**

UN 2811

14.2. UN proper shipping name

TOXIC SOLID, ORGANIC, N.O.S

Danger releasing substance Procaine hydrochloride

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group III

15. Regulatory information**16. Other information****R-phrases listed in chapter 3**

25 Toxic if swallowed.

43 May cause sensitization by skin contact.

Hazard statements listed in chapter 3

H301 Toxic if swallowed.

H317 May cause an allergic skin reaction.

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.