

Trade name: Cocaini hydrochloridum

Substance number: 051000

Version: 5 / CH

Date revised: 19.06.2023

Replaces Version: 4 / CH

Print date: 21.03.24

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

1.1. Product identifier

Cocaini hydrochloridum

Item No. 05100000

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

Use of the substance/preparation

Active pharmaceutical substance

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

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

SECTION 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
Acute Tox. 2	H330
Eye Irrit. 2	H319
Repr. 1A	H360FD

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements ***

H301	Toxic if swallowed.
H330	Fatal if inhaled.
H319	Causes serious eye irritation.
H360FD	May damage fertility. May damage the unborn child.

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Precautionary statements

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Cocaine hydrochloride

Supplemental information**Further supplemental information**

Restricted to professional users

Other information

Not for supply to the general public in Switzerland

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients**Hazardous ingredients****Cocaine hydrochloride**

CAS No.	53-21-4		
EINECS no.	200-167-1		
Concentration	>= 100		%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 3		H301
	Acute Tox. 2		H330
	Repr. 1A		H360
	Eye Irrit. 2		H319

ATE	oral	96	mg/kg
cATpE	inhalative, Dust/Mist	0.05	mg/l
cATpE	inhalative, Vapors	0.5	mg/l

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

If you feel unwell, seek medical advice (show the label where possible). Take off contaminated clothing and shoes immediately. Irregular breathing/no breathing: artificial respiration.

After inhalation

Summon a doctor immediately. Remove the casualty into fresh air and keep him calm. Keep warm and at rest. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice. If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

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Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Do not induce vomiting. Summon a doctor immediately.

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

Carbon dioxide, Dry chemical extinguisher, water jet. Extinguish greater fire with water spray or alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

Forms explosive mixture with air are possible. In the event of fire the following can be released: Hydrogen chloride (HCl); Carbon monoxide (CO); Carbon dioxide (CO₂); Nitrous gases (NO_x); The product is combustible. Development of toxic gases

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Wear full protective suit. Use self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Ensure adequate ventilation. Remove persons to safety. Keep people away and stay on the upwind side. Wear protective equipment

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. 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)). Avoid raising dust. Containers in which spilt substance has been collected must be adequately labelled.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

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

Take action to prevent static discharges. Avoid the formation and deposition of dust. Danger of dust explosion. Avoid contact with skin, eyes and clothing.

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

Keep container tightly closed and dry. Storage rooms must be properly ventilated. Keep only in original packaging.

Storage classes

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Storage class according to TRGS 510 6.1B

Non-combustible substances of acute toxicity, categories 1 and 2 / very toxic hazardous substances

Storage category (Switzerland) 6.1

Toxic substances

Further information on storage conditions

Protect from light. Protect from direct sunlight. Keep container tightly closed. Keep under lock and key or accessible only to specialists or people who are authorized.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Keep away from foodstuffs and beverages. Do not breathe dust. Provide adequate ventilation. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Store work clothing separately.

Respiratory protection

Short term: filter apparatus, Filter P2; At intensive and longer exposition use self-contained breathing apparatus.

Hand protection

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.

Hand protection must comply with EN 374.

Eye protection

Tightly fitting safety glasses; Eye protection must comply with EN 166.

Body protection

Protective clothing

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

Physical state Powder

Colour white

Odour odourless

Melting point

Value 195 °C

Boiling point or initial boiling point and boiling range

Remarks No data available

Flash point

Value °C

Remarks Not applicable

pH value

Value 4.5

Concentration/H₂O 20 g/l

Temperature 20 °C

Partition coefficient n-octanol/water (log value)

Remarks not determined

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Vapour pressure

Remarks Not applicable

9.2. Other information**Solubility in water**

Remarks insoluble

Minimum ignition energy

Minimum ignition energy 10 to 25 MJ

SECTION 10: Stability and reactivity**10.1. Reactivity**

None known

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

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

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

In the event of fire the following can be released: Toxic gases/vapours

SECTION 11: Toxicological information *****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	96	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**Cocaine hydrochloride**

Reference substance	Cocaine hydrochloride	
Species	mouse	
LD50	96	mg/kg

Acute inhalational toxicity

ATE	0.5	mg/l
Administration/Form	Vapors	
Method	calculated value (Regulation (EC) No. 1272/2008)	
ATE	0.05	mg/l
Administration/Form	Dust/Mist	
Method	calculated value (Regulation (EC) No. 1272/2008)	

Skin corrosion/irritation (Components)**Cocaine hydrochloride**

evaluation	irritant
Method	OECD 404

Serious eye damage/irritation (Components)**Cocaine hydrochloride**

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evaluation	irritant - risk of serious damage to eyes
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Mutagenicity

Remarks	Not documented.
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Reproduction toxicity (Components)**Cocaine hydrochloride**

evaluation	May damage fertility or the unborn child.
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Carcinogenicity

Remarks	No evidence available on carcinogenicity.
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11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

Experience in practice

May lead to nausea, headache, drowsiness and dizziness.

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

Do not allow it to reach soil, ground water, water bodies or sewage system.

Fish toxicity (Components)**Cocaine hydrochloride**

Remarks	No data available.
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Daphnia toxicity (Components)**Cocaine hydrochloride**

Remarks	No data available.
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Algae toxicity (Components)**Cocaine hydrochloride**

Remarks	No data available.
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12.2. Persistence and degradability**General information**

No data available

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water (log value)**

Remarks	not determined
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12.4. Mobility in soil**General information**

No data available

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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12.7. Other adverse effects

General information / ecology

Hazard for drinking water supplies. Do not allow it to reach soil, ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods




Disposal recommendations for the product

EWC waste code 07 Wastes from organic chemical processes
 EWC waste code 07 05 wastes from the MFSU of pharmaceuticals
 EWC waste code 07 05 08* other still bottoms and reaction residues
 Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	1544	1544	1544
14.2. UN proper shipping name	ALKALOIDS, SOLID, N.O.S. (Cocaine hydrochloride)	ALKALOIDS, SOLID, N.O.S. (Cocaine hydrochloride)	ALKALOIDS, SOLID, N.O.S. (Cocaine hydrochloride)
14.3. Transport hazard class(es)	6.1	6.1	6.1
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 kg		
Transport category	2		

SECTION 15: Regulatory information

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

Water Hazard Class (Germany)

Water Hazard Class WGK 2
 (Germany)
 Remarks Self-assessment

15.2. Chemical safety assessment

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For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H301	Toxic if swallowed.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H360	May damage fertility or the unborn child.
H360FD	May damage fertility. May damage the unborn child.

CLP categories listed in Chapter 3

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Eye Irrit. 2	Eye irritation, Category 2
Repr. 1A	Reproductive toxicity, Category 1A

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.