

Trade name: Codeinum

Substance number: 051700

Version: 1 / CH

Date revised: 18.03.2015

Replaces Version: - / CH

Print date: 18.03.15

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

1.1. Product identifier

Codeinum

Item No. 05170000

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

Use of the substance/preparation

Narcotic analgesic, opioid

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 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. 3 H331

Repr. 2 H361

H362

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

Classification T, R23/25

R64

R42/43

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H301

Toxic if swallowed.

H331

Toxic if inhaled.

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H361 Suspected of damaging fertility or the unborn child.
 H362 May cause harm to breast-fed children.

Precautionary statements

P261.1 Avoid breathing dust.
 P263 Avoid contact during pregnancy/while nursing.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P405 Store locked up.
 P501.1 Dispose of contents/container to be taken to an authorised special waste incineration plant.

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

23/25 Toxic by inhalation and if swallowed.
 42/43 May cause sensitization by inhalation and skin contact.
 63 Possible risk of harm to the unborn child.
 64 May cause harm to breastfed babies.

S phrases

22 Do not breathe dust.
 24 Avoid contact with skin.
 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 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 Codeine Alkaloid Monohydrat

Special labelling for certain preparations

"Restricted to professional users"

SECTION 3: Composition/information on ingredients**Molecular weight**

Value 317.4

Hazardous ingredients (Regulation (EC) No. 1272/2008)**Codeine**

CAS No.	76-57-3		
EINECS no.	200-969-1		
Concentration	100		%

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Remove the casualty into fresh air and keep him calm.. Irregular breathing/no breathing: artificial respiration.. Keep warm and at rest.. If necessary, give oxygen. Summon a doctor immediately.

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After skin contact

Wash off immediately with soap and water and rinse well.. Remove contaminated, soaked clothing immediately and dispose of safely.. Consult a doctor if skin irritation persists.

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

Rinse out mouth and give plenty of water to drink.. By continuous complaints consult a physician.

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

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

5.2. Special hazards arising from the substance or mixture

The product is combustible.; In the event of fire the following can be released.; Nitrogen oxides (NOx); Forms explosive mixture with air are possible.; Development of toxic gases

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

Wear protective clothing.; Use self-contained breathing apparatus.

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

Keep away unprotected persons.. Wear protective equipment

6.2. Environmental precautions

Do not discharge into the subsoil/soil.

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)).. Dispose of absorbed material in accordance with the regulations.. Avoid raising dust.

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

Take precautionary measures against static discharge.. Do not inhale dust.. Avoid dust formation.

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

Storage rooms must be properly ventilated.. Keep tightly closed in a dry and cool place.. Because of its sensitivity to light the product should be kept in brown glass or refined steel containers.

Further information on storage conditions

Protect from light.

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

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General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Provide adequate ventilation. Work only in fume cupboards. Do not eat, drink or smoke during work time.

Respiratory protection

Breathing apparatus in the event of aerosol.

Hand protection

Protective gloves

Eye protection

Safety glasses with side protection shield

Body protection

Protective clothing

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

Form	Crystalline powder	
Colour	white	
Odour	odourless	
pH value		
Value	> 9	
Concentration/H ₂ O	0.5	g/cm ³
Source	Safety Data Sheet Supplier	
Melting point		
Value	155	°C
Source	Safety Data Sheet Supplier	
Initial boiling point and boiling range		
Value	250	°C
Pressure	16	mbar
Source	Safety Data Sheet Supplier	
Density		
Remarks	not determined	
Solubility in water		
Value	8.33	g/l
Source	Safety Data Sheet Supplier	
Partition coefficient: n-octanol/water		
Remarks	not determined	

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

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

10.5. Incompatible materials

Iodine, Salts of heavy metals, bromides

10.6. Hazardous decomposition products

nitrous oxides (NO_x)

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Acute oral toxicity

Species	rat		
LD50		427	mg/kg
Species	mouse		
LD50		250	mg/kg
Species	Human		
LDLo		12	mg/kg
Species	rat		
TDLO		1774	mg/kg

Skin corrosion/irritation

Remarks Irritating to skin.

Serious eye damage/irritation

Remarks Irritates the eyes.

Mutagenicity

Remarks No information available.

Reproductive toxicity

Remarks May cause adverse reproductive effects.

Carcinogenicity

Remarks Not documented.

Experience in practice

May cause sensitization by inhalation and skin contact.. May cause nausea/ vomiting/ asthma.. May lead to nausea, headache, drowsiness and dizziness.. Causes disorders of the central nervous system and can cause headache, respiratory difficulties or unconsciousness.. Possible risk of harm to the unborn child.. May cause harm to breastfed babies.

SECTION 12: Ecological information

12.3. Bioaccumulative potential

Partition coefficient: n-octanol/water

Remarks not determined

12.6. Other adverse effects

General information / ecology

Ecological data are not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

In accordance with regulations for special waste, must be taken, to an authorised special waste incineration plant.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

Land transport ADR/RID

14.1. UN number

UN 1544

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14.2. UN proper shipping name

ALKALOIDS, SOLID, N.O.S.

14.3. Transport hazard class(es)

Class 6.1

Label 6.1

14.4. Packing group

Packing group III

Limited Quantity 5 kg

Transport category 2

Tunnel restriction code E

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

UN 1544

14.2. UN proper shipping name

ALKALOIDS, SOLID, N.O.S.

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 1544

14.2. UN proper shipping name

ALKALOIDS, SOLID, N.O.S.

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group III

SECTION 15: Regulatory information**SECTION 16: Other information****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.