

Trade name: Theophyllinum

Substance number: 068276

Version: 1 / CH

Date revised: 25.03.2015

Replaces Version: - / CH

Print date: 25.03.15

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

1.1. Product identifier

Theophyllinum

Item No. 06827600

Registration no.

EC No.: 200-385-7

CAS No. 58-55-9

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

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. 4 H302

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

For explanation of abbreviations see section 16.

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

Classification Xn, R22

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H302

Harmful if swallowed.

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Precautionary statements

P264.1	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P330	Rinse mouth.
P501	Dispose of contents/container to ...

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

Harmful

R phrases

22 Harmful if swallowed.

S phrases

60 This material and its container must be disposed of as hazardous waste.

SECTION 3: Composition/information on ingredients**Hazardous ingredients (Regulation (EC) No. 1272/2008)**

CAS No.	58-55-9
EINECS no.	200-385-7

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

Remove contaminated clothing immediately and dispose of safely.

After inhalation

Remove the casualty into fresh air and keep him calm.. Take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

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

After ingestion

Rinse out mouth and give plenty of water to drink.. Consult a physician if necessary.

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

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

Water spray jet, Dry powder, Carbon dioxide, Foam

5.2. Special hazards arising from the substance or mixture

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Development of toxic gases

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

Use self-contained breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

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

Ensure supply of fresh air.. Keep away unprotected persons.. Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up mechanically.. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7.. Information regarding personal protective measures, see Section 8.. Information regarding waste disposal, see Section 13.

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

Avoid dust formation.

Advice on protection against fire and explosion

Take precautionary measures against static discharge.

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

No special requirements.

Hints on storage assembly

Not required.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.. Protect from light.

7.3. Specific end use(s)

Active pharmaceutical substance

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.; Particle filter P2

Hand protection

Protective gloves

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nitrile rubber - NBR
Butyl rubber - Butyl

Eye protection

Tightly fitting safety glasses

Body protection

Protective clothing

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

Form	Powder		
Colour	white		
Odour	odourless		
pH value			
Value	4.0	to	6.0
Concentration/H ₂ O	8.3	g/l	
Temperature	20	°C	
Melting point			
Value	270	to	274 °C
Initial boiling point and boiling range			
Remarks	not determined		
Flash point			
Remarks	Not applicable		
Density			
Remarks	not determined		
Solubility in water			
Value	5.5		g/l
Temperature	19.9	°C	
Remarks	Difficult to dissolve		
Partition coefficient: n-octanol/water			
log Pow	-	0.008	
Ignition temperature			
Value	>	610	°C

9.2. Other information**Other information**

The product is not dangerous for explosions.. Forms explosive mixture with air are possible.

SECTION 10: Stability and reactivity**10.2. Chemical stability**

To avoid thermal decomposition, do not overheat.

10.3. Possibility of hazardous reactions

The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.

10.4. Conditions to avoid

Heat

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species	rat			
LD50		to	272	mg/kg
Method	OECD 401			

Acute dermal toxicity

Species	rat			
LD50	>	to	2000	mg/kg

Skin corrosion/irritation

Remarks	None
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Sensitization

Remarks	None
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SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50		to	100	mg/l
Duration of exposure	96	h		

Daphnia toxicity

Species	Daphnia magna			
EC50		to	178	mg/l
Duration of exposure	48	h		

Algae toxicity

Species	Scenedesmus subspicatus			
EC50	>	to	100	mg/l
Duration of exposure	72	h		

12.2. Persistence and degradability

Biodegradability

evaluation	Readily biodegradable
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12.3. Bioaccumulative potential

General information

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

Partition coefficient: n-octanol/water

log Pow	-	0.008
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12.5. Results of PBT and vPvB assessment

General information

Not applicable

12.6. Other adverse effects

General information

There is no data available on the product apart from the information given in this subsection.

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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 disposal site or incineration plant.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

Land transport ADR/RID

14.1. UN number

UN 2811

14.2. UN proper shipping name

TOXIC SOLID, ORGANIC, 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 2811

14.2. UN proper shipping name

TOXIC SOLID, ORGANIC, 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 2811

14.2. UN proper shipping name

TOXIC SOLID, ORGANIC, N.O.S.

14.3. Transport hazard class(es)

Class 6.1

14.4. Packing group

Packing group III

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 3

(Germany)

Remarks Classification according to Annex 4 VwVwS

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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.