

Trade name: Phenobarbitalum natricum

Substance number: 067128

Version: 4 / CH

Date revised: 17.12.2018

Replaces Version: 3 / CH

Print date: 01.10.19

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

1.1. Product identifier

Phenobarbitalum natricum

Item No. 06712800

Registration no.

EC No.: 200-322-3

CAS No. 57-30-7

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

Skin Sens. 1 H317

Carc. 2 H351

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.

H317

May cause an allergic skin reaction.

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H351 Suspected of causing cancer.

Precautionary statements

P201 Obtain special instructions before use.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P308+P313 IF exposed or concerned: Get medicinal advice/attention.
 P501.9 Dispose of contents/container as problematic waste.

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

contains Phenobarbital sodium

SECTION 3: Composition/information on ingredients**3.1. Substances****Chemical characterization**

Phenobarbitalum natricum

Molecular weight

Value 254.22 g/mol

Hazardous ingredients**Phenobarbital sodium**

CAS No.	57-30-7		
EINECS no.	200-322-3		
Concentration	>= 50		%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 3		H301
	Skin Sens. 1		H317
	Carc. 2		H351

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

Remove contaminated, soaked clothing immediately and dispose of safely. Irregular breathing/no breathing: artificial respiration.

After inhalation

If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

Consult a doctor if skin irritation persists. Wash off immediately with soap and water and rinse well.

After eye contact

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

After ingestion

Rinse out mouth and give plenty of water to drink. Induce the patient to vomit of his own accord only if fully conscious. Do NOT induce vomiting. Summon a doctor immediately.

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

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant

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foam.

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby evolution of dangerous gases possible. Carbon monoxide (CO); Carbon dioxide (CO₂); Nitrogen oxides (NO_x); sodium oxides

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

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

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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

Use breathing apparatus if exposed to vapours/dust/aerosol. Ensure adequate ventilation. Avoid dust formation. Wear protective equipment

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

For small amounts: take up with appropriate instrument and dispose. For tall amounts: Take up mechanically and collect in suitable container for 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**

Dust deposits that cannot be avoided must be taken up regularly. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with skin and eyes.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value 15 - 25 °C

Requirements for storage rooms and vessels

Keep only in original container.

Hints on storage assembly

Do not store with oxidizing agents.

Further information on storage conditions

Keep container in a well-ventilated place. Keep under lock and key or accessible only to specialists or people who are authorized.

7.3. Specific end use(s)

Active pharmaceutical substance

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters**Other information**

Contains no substances with occupational exposure limit values.

8.2. Exposure controls**Exposure controls**

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

General protective and hygiene measures

Do not eat, drink or smoke during work time. Do not breathe dust. Avoid contact with skin and eyes. Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work. Remove contaminated, soaked clothing immediately and dispose of safely.

Respiratory protection

Breathing apparatus in the event of high concentrations. Dust mask; Short term: filter apparatus, Filter A/P2

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.

Appropriate Material rubber

Eye protection

Face shield; Safety glasses

Body protection

protective overalls

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

Form	Powder
Colour	white
Odour	Product specific
pH value	
Remarks	not determined
Melting point	
Value	156 to 178 °C
Flash point	
Remarks	Not applicable
Flammability (solid, gas)	
Flammable.	
Density	
Remarks	not determined
Solubility in water	
Remarks	insoluble
Decomposition temperature	
Remarks	No decomposition if used as prescribed.

9.2. Other information**Other information**

The product is not dangerous for explosions.

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SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Oxidising agents

10.5. Incompatible materials

Alkaline metals, Reactions with earth alkali metals. Ammonia, peroxides, Strong oxidising agents

10.6. Hazardous decomposition products

Toxic gases/vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Phenobarbitalum natricum

ATE	150	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)

Phenobarbital sodium

Species	rat	
LD50	150	mg/kg

Skin corrosion/irritation

Phenobarbitalum natricum

Remarks No effect of irritation known.

Serious eye damage/irritation

Phenobarbitalum natricum

Remarks No effect of irritation known

Sensitization

Phenobarbitalum natricum

Remarks No sensitisation effect known.

Carcinogenicity

Phenobarbitalum natricum

evaluation Suspected of causing cancer.

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity

Phenobarbitalum natricum

Remarks No data available.

12.2. Persistence and degradability

General information

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For this subsection there is no ecotoxicological data available on the product as such.

12.3. Bioaccumulative potential

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.4. Mobility in soil

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.6. Other adverse effects

General information / ecology

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code		No not dispose with rubbish.
EWC waste code		Should not be released into the sanitary sewer system.
Disposal in compliance with local and national regulations.		
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 recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information ***

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	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	E		
14.1. UN number	2811	2811	2811
14.2. UN proper shipping name	TOXIC SOLID, ORGANIC, N.O.S. (Phenobarbital sodium)	TOXIC SOLID, ORGANIC, N.O.S. (Phenobarbital sodium)	TOXIC SOLID, ORGANIC, N.O.S. (Phenobarbital sodium)
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 (Germany) WGK 3

Remarks Classification according to Annex 4 VwVwS

SECTION 16: Other information

Hazard statements listed in Chapter 3

H301 Toxic if swallowed.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.

CLP categories listed in Chapter 3

Acute Tox. 3 Acute toxicity, Category 3
Carc. 2 Carcinogenicity, Category 2
Skin Sens. 1 Skin sensitization, Category 1

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.