

Trade name: Benzylis nicotinas

Substance number: 071920

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

Benzylis nicotinas

Item No. 07192000

Substance / product identification

CAS-No. 94-44-0

EINECS-No. 202-332-3

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)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

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

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

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P264.1	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing.

SECTION 3: Composition/information on ingredients

Molecular weight

Value	213.2
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Hazardous ingredients

benzyl nicotinate

CAS No.	94-44-0		
EINECS no.	202-332-3		
Concentration	>=	50	%
Classification (Regulation (EC) No. 1272/2008)			
	Skin Irrit. 2		H315
	Eye Irrit. 2		H319

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

In case of contact with skin wash off with water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.

After ingestion

Rinse out mouth and give plenty of water to drink. Ensure supply of fresh air. Summon a doctor immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder, Carbon dioxide, Water, 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: Nitrous gases (NOx)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

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

Other information

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

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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.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Retain and dispose of contaminated wash water.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Pick up mechanically. Rinse away rest with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good room ventilation even at ground level (vapours are heavier than air).

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value 2 8 °C

Requirements for storage rooms and vessels

No special requirements. Unsuitable materials: Polyethylene, rubber.

Hints on storage assembly

Not required.

Further information on storage conditions

Protect from light. Keep container tightly closed.

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 food-stuffs, beverages and feed-stocks. Take off immediately all contaminated clothing. Wash hands before breaks and after work.

Respiratory protection

Particle filter P2; Breathing apparatus in the event of aerosol, mist or fume formation.

Hand protection

Protective gloves
Appropriate Material nitrile rubber - NBR
Material thickness 0.11 mm
Breakthrough time > 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Protective clothing

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Form	liquid		
Colour	yellow		
Odour	slightly aromatic		
Melting point			
Value	24		°C
Initial boiling point and boiling range			
Value	179	to	180 °C
Pressure	8	hPa	
Flash point			
Value	170		°C
Density			
Value	1.16		g/cm ³
Temperature	20	°C	
Solubility in water			
Value	0.3		g/l
Temperature	20	°C	

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

10.6. Hazardous decomposition products

Nitrous gases

Other information

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. At temperatures below 24°C the substance may solidify crystalline.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity (Components)

benzyl nicotinate

Species	rat		
LD50	2188		mg/kg
Source	Caeolo, Version 2015-02-18		

Skin corrosion/irritation

Remarks	Irritating effects on the skin and mucous membrane.
Remarks	Danger of resorption through the skin.

Serious eye damage/irritation

Remarks	Irritates the eyes.
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Sensitization

Remarks	May cause sensitization by inhalation.
Remarks	May cause sensitization by skin contact.

Experience in practice

After resorption of toxic quantities: disorders of the central nervous system. failure of the cardiovascular system. collapse

Other information

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Therapeutical substance.

SECTION 12: Ecological information**12.1. Toxicity****Bacteria toxicity**

Species	activated sludge		
EC50	714		mg/l
Duration of exposure	3	h	

12.2. Persistence and degradability**Physico-chemical eliminability**

evaluation	Readily biodegradable
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Biodegradability

Value	84		%
Duration of test	28	d	

12.6. Other adverse effects**General information / ecology**

Do not allow it to reach ground water, water bodies or sewage system. Product is hazardous to water.

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 underground disposal site.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

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 2
Remarks	Classification according to VwVwS

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H315	Causes skin irritation.
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CLP categories listed in Chapter 3

Eye Irrit. 2

Eye irritation, Category 2

Skin Irrit. 2

Skin irritation, Category 2

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.