

Trade name: Lithanthracis pix

Substance number: 046500

Version: 8 / CH

Date revised: 25.01.2021

Replaces Version: 7 / CH

Print date: 25.01.21

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

1.1. Product identifier

Lithanthracis pix

Item No. 04650000

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

Use of the substance/preparation

Manufacture of pharmaceutical products

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 Sens. 1	H317
Muta. 1B	H340
Carc. 1A	H350
Repr. 1B	H360FD
Aquatic Chronic 2	H411

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 ***

H317	May cause an allergic skin reaction.
H340	May cause genetic defects.
H350	May cause cancer.
H360FD	May damage fertility. May damage the unborn child.

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H411 Toxic to aquatic life with long lasting effects.

Precautionary statements ***

P201 Obtain special instructions before use.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P308+P313 IF exposed or concerned: Get medicinal advice/attention.
 P501.3 Disposal in compliance with local and national regulations.

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

contains *** Tar, coal, high-temp.

Supplemental information**Further supplemental information**

Restricted to professional users

Other information

Not for supply to the general public in Switzerland

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******Tar, coal, high-temp.**

CAS No.	65996-89-6	
EINECS no.	266-024-0	
Registration no.	EXCEMPT	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)		
	Skin Sens. 1	H317
	Muta. 1B	H340
	Repr. 1B	H360
	Aquatic Chronic 2	H411
	Carc. 1A	H350

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H

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

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

After skin contact

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

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. By continuous complaints consult a physician.

After ingestion

Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). By continuous complaints consult a physician.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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

Non suitable extinguishing media

water jet.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Use personal protective clothing.

SECTION 6: Accidental release measures

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Ensure adequate ventilation. When picked up, treat material as prescribed under Section 13 "Disposal".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Handle and open container with care. Exhaust ventilation at the object is necessary. Keep container tightly closed. Use only in well-ventilated areas. Avoid formation of aerosols.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original packaging. Keep tightly closed in a dry and cool place.

Hints on storage assembly

Do not store with oxidizing agents.

Storage classes

Storage class according to TRGS 510	6.1D	Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects
Storage category (Switzerland)	6.1	Toxic substances

Further information on storage conditions

Keep locked up and out of the reach of children.

SECTION 8: Exposure controls/personal protection ***

8.2. Exposure controls

General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Separate showers and rooms for changing clothes are necessary. At work do not eat, drink, smoke or take drugs. Take a

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shower after work finish. Provide adequate ventilation.

Respiratory protection

Short term: filter apparatus; Multi-purpose filter ABEK; At intensive and longer exposition use self-contained breathing apparatus. EN270

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	nitrile rubber - NBR
Breakthrough time	> 480 min
Appropriate Material	Butyl rubber
Breakthrough time	> 480 min

Hand protection must comply with EN 374.

Eye protection

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

Body protection

impermeable protective overalls; Boots

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

Form	liquid, viscous
Colour	brown-black
Odour	characteristic
Melting point	
Value	-9 °C
Pressure	103.3 kPa
Initial boiling point and boiling range	
Value	215 to 350 °C
Pressure	101.3 kPa
Flash point	
Value	77 °C
Pressure	101.3 kPa
Vapour pressure	
Value	10.91 hPa
Temperature	20 °C
Density	
Value	1.1 to 1.3 g/cm ³
Temperature	20 °C
Remarks	Relative Density according specification
Solubility(ies)	organic solvents
Auto-ignition temperature	
Value	> 560 °C
Explosive properties	
evaluation	Not applicable
Oxidising properties	
Remarks	Not applicable

9.2. Other information

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Other information

The product is not dangerous for explosions.

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

No dangerous reactions known.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No decomposition if stored and applied as directed. No hazardous reactions known. Keep away from sources of heat and ignition.

10.5. Incompatible materials

Reactions with oxidising agents. Reaction with nitric acid.

10.6. Hazardous decomposition products

In the event of fire the following can be released: Carbon monoxide and carbon dioxide, Toxic gases/vapours, Sulphur dioxide, nitrous oxides (NO_x), Aromatic hydrocarbons

SECTION 11: Toxicological information *****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Tar, coal, high-temp.**

Species	rat		
LD50	>	2000	mg/kg

Sensitization (Components)**Tar, coal, high-temp.**

Remarks May cause sensitization by skin contact.

Tar, coal, high-temp.

evaluation May cause allergic skin reactions.

Mutagenicity (Components)**Tar, coal, high-temp.**

evaluation May cause genetic defects.

Reproduction toxicity (Components)**Tar, coal, high-temp.**

evaluation May damage the unborn child.

Carcinogenicity (Components)**Tar, coal, high-temp.**

evaluation Can cause cancer.

Other information

Women of childbearing age should avoid the contact with the product.

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

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General information

May cause long lasting harmful effects to aquatic life.

Fish toxicity (Components)**Tar, coal, high-temp.**

Species	zebra fish (Brachydanio rerio)	
LL50	> 250	mg/l

Daphnia toxicity (Components)**Tar, coal, high-temp.**

Species	Daphnia magna	
EL50	2.8	mg/l
Duration of exposure	48	h

Algae toxicity (Components)**Tar, coal, high-temp.**

EL50	36	mg/l
Duration of exposure	72	h

12.2. Persistence and degradability**Biodegradability (Components)****Tar, coal, high-temp.**

evaluation	not degradable
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12.4. Mobility in soil**Mobility in soil (Components)****Tar, coal, high-temp.**

Immobilite

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

No data available

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

Do not allow it to reach soil, ground water, water bodies or sewage system. Hazard for drinking water supplies. Product is highly hazardous to water. Hazard for drinking water supplies. Toxic for aquatic organisms. Product is insoluble in water.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information ***

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	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	-		
14.1. UN number	3082	3082	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tar, coal, high- temp.)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tar, coal, high- temp.)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tar, coal, high- temp.)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		

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 Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

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

SECTION 16: Other information

Hazard statements listed in Chapter 3

H317 May cause an allergic skin reaction.
 H340 May cause genetic defects.
 H350 May cause cancer.
 H360 May damage fertility or the unborn child.
 H411 Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2
 Carc. 1A Carcinogenicity, Category 1A
 Muta. 1B Germ cell mutagenicity, Category 1B
 Repr. 1B Reproductive toxicity, Category 1B
 Skin Sens. 1 Skin sensitization, Category 1

Supplemental information

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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.