


Page 1 of 4  Print Date 30.11.2018	<b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)  Pix Lithanthracis	 Revision Date 30.11.2018
--	---	---

## 1 Identification of the substance/mixture and of the company/undertaking

- Informations to product No. g193c
- Product name:

### **Pix Lithanthracis** Steinkohlenteer Coal tar

- Supplier of the Product / responsible Company:

Caesar & Loretz GmbH  
Herderstr. 31  
40721 Hilden  
Tel.: 02103/4994-0  
Fax: 02103/32360  
e-mail: info@caelo.de

- Emergency telephone:

Giftinformationszentrum Mainz  
Langenbeckstr. 1, 55131 Mainz  
Tel.: 06131/19240

- Relevant identified uses of the substance or mixture and uses advised against:

No further relevant information available.

- Application of the substance / mixture:

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

## 2 Hazards identification

- GHS-Labeling Elements:



- Signal word: Danger

- H-Phrases:

H350 May cause cancer


- P-Phrases:

P202 Do not handle until all safety precautions have been read and understood

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P280 Wear protective gloves/protective clothing/eye protection/face protection

**Carc. 1A**

<p>Page 2 of 4</p> <p>Print Date 30.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Pix Lithanthracis</p>	 <p>Revision Date 30.11.2018</p>
---	--	---

### 3 Composition / information on ingredients

• **Chemical characterization:**

**CAS-No. Substance name**

8007-45-2 coal tar

• **EINECS-No.:** 232-361-7

• **REACH Reg. No.:** (pre-registered

• **INCI-Name:** -

### 4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately. Show product-label or this MSDS.
- **after skin contact:** Wash away with water and soap immediately and rinse off. Remove contaminated clothing.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. If feeling unwell continuously seek medical advice.
- **After swallowing:** Drink water. Induce vomiting. Get medical help immediately.
- **Medical advice:** Drink paraffinum subliquidum ( 3 ml/kg ) and sodium sulphate as laxans ( 1 Spoon on 250 ml water ). Cave: gastrolavage without intubation.

### 5 Fire-fighting measures


- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible but not flammable. In case of fire dangerous gases / vapours can be released: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

### 6 Accidental release measures

- **Personal protective measures:** Avoid contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. Disposal according to Chapter 13 of this MSDS. Clean up with water.

### 7 Handling and storage

- **Handling:** No special requirements.
- **Storage:**
- **Requirements for storage areas and containers:**  
Keep container tightly closed. Store at a good ventilated place.
- **Advices on common storage:**  
TRGS 514 "Storage of toxic and very toxic substances ..."

<p>Page 3 of 4</p> <p>Print Date 30.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Pix Lithanthracis</p>	 <p>Revision Date 30.11.2018</p>
---	--	---

## 8 Exposure controls / personal protective equipment

### Components with limit values that require monitoring at the workplace:

50-32-8 Benzo[a]pyren

TRK: 0,002 mg/m<sup>3</sup>

- **Personal protective equipment:**
- **Respiratory protection:** Respiratory protection if vapours are generated.
- **Hand protection:** Protection gloves – solvent-proof.
- **Eye protection:** Safety glasses.

## 9 Physical and chemical properties

- **Form:** liquid
- **Colour:** dark brown
- **Odour:** tar
- **Boiling point / boiling range:** > 200 °C
- **Flash point:** > 100 °C
- **Decomposition temperature:** > 400 °C
- **Density:** (20 °C) 1,13 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** not soluble

## 10 Stability and reactivity


- **Thermal decomposition / conditions to avoid:** Avoid strong heating. No decomposition during appropriate use.
- **Materials to avoid:** Bases and strong oxidants.
- **Hazardous decomposition products:** After heating, irritant, harmful or toxic vapours can be released.

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritating effect:**
- **on skin:** After enduring exposition on skin irritation is possible.
- **on eyes:** Irritations of mucous membranes.
- **Sensitization:** After enduring exposition a sensitization especially with combined strong exposure to sunlight is possible.
- **Sub-acute / chronic toxicity:** Carcinogene and mutagene.
- **Additional toxicological informations:** Due to several components (Phenol- and cresol derivates) the product is considered as harmful if swallowed or exposed to skin.

## 12 Ecological information

- **General advices:** Prevent from leaking into ground water, environment waters or drainage.
- **Water hazard class:** 2 (self classification): hazardous for water.

<p>Page 4 of 4</p> <p>Print Date 30.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Pix Lithanthracis</p>	 <p>Revision Date 30.11.2018</p>
---	--	---

### 13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

### 14 Transport informations

- **Land transport according to ADR:**  
Not classified as dangerous in the meaning of transport regulations.

### 15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**  
The product is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS08
- **Signal word:** Danger
- **H-Phrases:**  
H350 May cause cancer
- **P-Phrases:**  
P202 Do not handle until all safety precautions have been read and understood  
P260 Do not breathe dust/fume/gas/mist/vapours/spray  
P280 Wear protective gloves/protective clothing/eye protection/face protection
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 6.1C
- **VbF class:** -

### 16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

- **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.