


<b>Material Safety Data Sheet</b>	
<b>HEMATOXYLIN STAIN CERTIFIED</b> <b>C.I. No. 75290</b>	<b>VERSION : 03</b> <b>DATE OF ISSUE :31-01-2022</b> <b>SUPERSEDES : 02</b>
<b>Product Code : 31840</b>	<b>Page 1 of 7</b>

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

### **1.1. Product identifier**

**Trade name** : HEMATOXYLIN STAIN CERTIFIED  
**Product code** : 31840  
**Identification of the product** : HEMATOXYLIN STAIN CERTIFIED  
**CAS No** : 571-28-2

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

**Identified uses** : Laboratory chemicals, Manufacture of substances

### **1.3. Details of the supplier of the safety data sheet**

**Company identification** : MOLYCHEM  
 Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor,  
 Mumbai – 400 002 (INDIA)  
 Tel:+91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.  
 Email : [info@molychem.net](mailto:info@molychem.net)  
 Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat  
 Textile Co.,Kulgaon, Badlapur (E), Dist.-Thane-421 503.

### **1.4. Emergency telephone number**

**Emergency number** : +91 22 4066 8111 (10:00am - 6:00 pm)

## **2. Hazards identification -DSD**

### **2.1. Classification of the substance or mixture**

Eye irritation (Category 2), H319

### **2.2. Label elements**


**Signal Word** Warning  
**Hazard statement(s)**  
 H319 Causes serious eye irritation.  
**Precautionary statement(s)**  
 P264 Wash skin thoroughly after handling.  
 P280 Wear eye protection/ face protection.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337 + P313 If eye irritation persists: Get medical advice/ attention.  
**Supplemental Hazard Statements** none

### **2.3. Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### **2.3. Other hazards**

**Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

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### **3. Composition/information on ingredients**

#### **3.1 Substances**

Synonyms : Natural Black 1  
Formula :  $C_{16}H_{14}O_6$   
Molecular weight : 302.28 g/mol  
CAS-No. : 517-28-2  
No components need to be disclosed according to the applicable regulations.

### **4. First aid measures**

#### **4.1. Description of first aid measures**

##### **If inhaled**

After inhalation: fresh air.

##### **In case of skin contact**

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

##### **In case of eye contact**

After eye contact: rinse out with plenty of water. Remove contact lenses.

##### **If swallowed**

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### **4.3. Indication of any immediate medical attention and special treatment needed**

No data available

### **5. Fire-fighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder.

##### **Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

#### **5.2. Special hazards arising from the substance or mixture**

Carbon oxides

Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire.

#### **5.3. Advice for fire-fighters**

In the event of fire, wear self-contained breathing apparatus.

#### **5.4 Further information**

Prevent fire extinguishing water from contaminating surface water or the ground water system.

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## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

### **6.2. Environmental precautions**

Do not let product enter drains.

### **6.3. Methods and material for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### **6.4. Reference to other sections**

For disposal see section 13.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

For precautions see section 2.2.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage conditions**

Tightly closed. Dry.

#### **Storage class**

Storage class (TRGS 510): 13: Non Combustible Solids

### **7.3. Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## **8. Exposure controls/personal protection**

### **8.1. Exposure controls**

Personal protection : Avoid all unnecessary exposure.  
Respiratory protection : Wear approved mask.  
Hand protection : Wear protective gloves.  
Skin protection : Wear suitable protective clothing.  
Eye protection : Chemical goggles or safety glasses.  
Others : When using, do not eat, drink or smoke.

### **8.2. Control parameters**

Occupational Exposure Limits : No data available.

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

Physical state : Powder  
Color : Yellow or beige or cream or brown colour powder.  
Odor : No data available  
Melting : Melting point/range: 200 °C - dec.

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point/freezing point	
Initial boiling point and boiling range	Decomposes below the boiling point.
Flammability (solid, gas)	The product is not flammable.
Upper/lower flammability or explosive limits	No data available
Flash point	Not applicable
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Viscosity	Viscosity, kinematic : No data available Viscosity, dynamic : No data available
Water solubility	18.3 g/l at 20 °C
Partition coefficient: n-octanol/water	No data available
Vapor pressure	No data available
Density	No data available
Relative density	No data available
Relative vapor density	No data available
Particle characteristics	No data available
Explosive properties	No data available
Oxidizing properties	None

## 9.2. Other information

No data available

## 10. Stability and reactivity

### 10.1. Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### 10.2. Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

Violent reactions possible with: Strong oxidizing agents

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

In the event of fire: see section 5

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## **11. Toxicological information**

### **11.1. Information on toxicological effects**

Acute toxicity	: Not classified
Skin corrosion/irritation	: No data available
Serious eye damage/irritation	: No data available.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: No data available
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## **12. Ecological information**

### **12.1. Toxicity**

No additional information available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### **12.6 Endocrine disrupting properties**

#### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### **12.7 Other adverse effects**

No data available

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

No data available

## **14. Transport information**

### **14.1. UN number**

ADR/RID: -

IMDG :

IATA:

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## 14.2. UN proper shipping name

ADR/RID : Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Not dangerous goods

## 14.3. Transport hazard class(es)

ADR/RID : IMDG : IATA :

## 14.4. Packaging group

ADR/RID : IMDG : IATA :

## 14.5 Environmental hazards

ADR/RID : no IMDG : Marine pollutant: no IATA :

## 14.6 Special precautions for user

### Further information

Not classified as dangerous in the meaning of transport regulations.

## 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.2. Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## 16. Other information

### Abbreviations and acronyms :


PBT : persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

**Sources of key data used :** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information :** None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008  
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**End of document**

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