

# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

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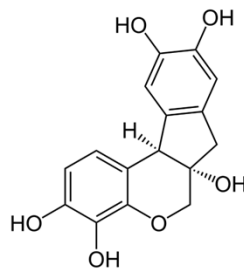
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS Reference Number: 04020  
□□□□□□: 1/14/2019 □□□□□□: 12/26/2024 □□□□: 1/14/2019 □□: 1.0

## □□ 1: □□□□□ □□□ □□ □□

### 1.1. □□□□

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CAS □□  
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: HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING  
: 208-237-3  
: 517-28-2  
: 04020  
: Organic compound  
: C16H14O6  
:



□□ □□ : Natural black 1, Hydroxybrazilin, Hydroxybrasilin

### 1.2. □□□□ □□ □□□□ □□ □□ □□ □□

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: Industrial. For professional use only

### 1.3. □□□□□□□□ □□□ □□

LOBA CHEMIE PVT.LTD.  
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[info@lobachemie.com](mailto:info@lobachemie.com), [www.lobachemie.com](http://www.lobachemie.com)

### 1.4. □□□□□□

□□ □□ □□ : + 91 22 6663 6663 (9:00am - 6:00 pm)

## □□ 2: □□□·□□□

### 2.1. □□□·□□□ □□

Regulation (EC) No.1272/2008 [CLP]□ □□ □□

□□ □ □□□/□ □□□, □□ 2 H319  
□□(H) □□ □ EUH □□ □□: 16□ □□.  
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### 2.2. □□□□□□□ □□□ □□□□ □□

□□ (EC) No. 1272/2008 □ □□ □□ □□[CLP]

□□ □□ □□□□(CLP)



# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

GHS07

□□□ (CLP) : □□  
□□·□□ □□ (CLP) : H319 - □□ □□ □□ □□□.  
□□ □□ □□(CLP) : P305+P351+P338 - □□ □□□□: □ □□ □□ □□□□ □□□□. □□□□ □□□ □□□ □□□□□. □□ □□□□.  
P337+P313 - □□ □□□ □□□□: □□□ □□·□□□ □□□□.

## 2.3. □□ □□

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

## □□ 3: □□□□□ □□ □ □□□

### 3.1. □□□□

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□□	□□□□	%
HEMATOXYLIN STAIN	CAS □□: 517-28-2 EC □□: 208-237-3	100

## □□ 4: □□□□□□

### 4.1. □□□□ □□

□□ □□ □□ : If you feel unwell, seek medical advice.  
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First-aid measures for first aider : □□□□ □□□□ □□□ □□ □□ □□□□ □□□□.

### 4.2. □□ □ □□□□ □□ □□□ □□ □ □□

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□ □□ □ □□/□□ : □□ □□ □□□ □□□□. Eye irritation.  
□□ □ □□/□□ : □□□ □□□□.

### 4.3. □□□□ □□ □ □□ □□ □□ □□ □□

Treat symptomatically.

## □□ 5: □□·□□□ □□□□

### 5.1. □□□ □□□

□□□ □□□ : Water spray. Foam. Dry powder. Carbon dioxide.  
□□□□ □□□ : Do not use a heavy water stream.

### 5.2. □□□□□□□ □□□ □□ □□□

□□ □□ : No fire hazard.  
□□ □□ : No direct explosion hazard.  
□□ □ □□□ □□□ □□ : Toxic fumes may be released.

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□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## 5.3. □□□□□ □□ □□

- □□ : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- □□ □ □□ : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. □□□ □□□□□. Complete protective clothing.

## □□ 6: □□□□□ □□□□

### 6.1. □□□ □□□□ □□ □□□ □□□□ □ □□□

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- □□□ : Wear recommended personal protective equipment.
- □□ : Ventilate spillage area. Evacuate unnecessary personnel. □□ □ □□□ □□□ □□□□.
- □□□□ : Do not attempt to take action without suitable protective equipment. □□□ □□ □□□□ □□□□□. □□ □□□ □□□ □□ 8: "□□□□ □ □□□□□"□ □□□□□.
- □□ : Ventilate area. Evacuate unnecessary personnel.

### 6.2. □□□ □□□□ □□ □□□ □□□□

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### 6.3. □□ □□ □□ □□

- : Using a clean shovel, put the material in a dry container and cover without compressing it.
- □□ : Mechanically recover the product. □□□□ □□□□. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
- □□ □□□□ : Dispose of materials or solid residues at an authorized site.

### 6.4. □□ □□ □□

For further information refer to section 13.

## □□ 7: □□ □ □□□□

### 7.1. □□□□□□

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- □□ : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. □ □□□ □□□ □□□ □□□, □□□□ □□□□ □□□. Always wash hands after handling the product.

### 7.2. □□□□ □□□ □□□ □□□ □□ □□

- □□ : Keep in a cool, well-ventilated place away from heat.
- □□ : □□□ □ □□ □□□□□□. □□□ □□□ □□□□□□.
- : Store always product in container of same material as original container.

### 7.3. □□ □□ □□

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## □□ 8: □□□□ □ □□□□□

### 8.1. □□ □□ □□

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# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## 8.2. □□□□

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Ensure good ventilation of the work station.

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Wear recommended personal protective equipment.

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Chemical goggles or safety glasses

### Skin protection

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Wear a mask

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Protective gloves

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Wear appropriate mask

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## □□ 9: □□□□□□□□

### 9.1. □□□□□□□□□□□□□□□□

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□□	: pale beige to pale brown.
□□	: Powder.
□□□	: 302.3 g/mol
□□	: Odourless.
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□□(□□□□)	: □□□□
□□□□	: □: Slightly soluble in cold water. Soluble in hot water.
Partition coefficient n-octanol/water (Log Kow)	: □□□□
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50°C□□□□□□□□	: □□□□
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# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

20°C□□□□ □□ □□ □□ : □□□□  
Particle size : □□□□

## 9.2. □□□□□□□□

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## □□ 10: □□□□ □□□□

### 10.1. □□□□

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. □□□□ □□□□

Stable under normal conditions.

### 10.3. □□ □□□□ □□□□

No dangerous reactions known under normal conditions of use.

### 10.4. □□□□ □□□□

□□□□. Extremely high or low temperatures.

### 10.5. □□□□ □□□□

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### 10.6. □□□□ □□□□ □□□□

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## □□ 11: □□□□ □□□□

### 11.1. □□ (EC) No 1272/2008 □□□□, □□□□ □□□□ □□□□

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## HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING (517-28-2)

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### 11.2. □□ □□ □□ □□

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## □□ 12: □□□□ □□□□ □□

### 12.1. □□□□

□□□□ - □□ : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

□□□□□□□□

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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## 12.2. □□□ □□□□

HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING (517-28-2)	
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## 12.3. □□ □□□□

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## 12.4. □□ □□□□

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## 12.5. PBT □ vPvB □□ □□

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## 12.6. □□□ □□□□

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## 12.7. □□ □□ □□

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## □□ 13: □□□ □□□□

### 13.1. □□□ □□□□

- □□(□□□) : Disposal must be done according to official regulations.
- □□□ : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- □□ □□ □□ : Disposal must be done according to official regulations.
- /□□ □□ □□□□ : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
- □□ : Do not re-use empty containers.

## □□ 14: □□□ □□□ □□

ADR / IMDG / IATA / ADN / RID □□ □□

### 14.1. UN □□ □□ ID □□

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### 14.2. UN □□ □□□□

- □□□ (ADR) : Not regulated
- □□□ (IMDG) : Not regulated
- □□□ (IATA) : Not regulated
- □□□ (ADN) : Not regulated
- □□□ (RID) : Not regulated

### 14.3. □□□□□ □□□ □□

**ADR**  
□□□□□ □□□ □□ (ADR) : Not regulated

**IMDG**  
□□□□□ □□□ □□ (IMDG) : Not regulated

**IATA**  
□□□□□ □□□ □□ (IATA) : Not regulated

# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

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## ADN

□□□□□ □□□ □□ (ADN) : Not regulated

## RID

□□□□□ □□□ □□ (RID) : Not regulated

### 14.4. □□□□

□□ □□ (ADR) : Not regulated  
□□ □□ (IMDG) : Not regulated  
□□ □□ (IATA) : Not regulated  
□□ □□ (ADN) : Not regulated  
□□ □□ (RID) : Not regulated

### 14.5. □□ □□□□

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### 14.6. □□□□ □□ □□ □□□□

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### 14.7. □□□□□□ (IMO) □□ □□ □□ □□

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## □□ 15: □□ □□□□

### 15.1. □□, □□ □□ □□□□ □□□□ □□ □□□□ □□ □□ □□/□□

EU □□

REACH □□□ XVII (□□ □□)

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REACH □□□ XIV (□□ □□)

REACH □□□ XIV (□□ □□) □□ □□ □

REACH □□ □□ □□ (SVHC)

REACH □□ □□□ □□□ □□ □□ □

PIC □□ (□□□□□□)

PIC □□□ □□ □ (□□ EU 649/2012)

POP □□ (□□□□ □□ □□□□)

POP □□□ □□ □ □ (□□ EU 2019/1021)

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

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## □□□□□□(428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

## □□ □□□□ □□ (2019/1148)

□□□□ □□□□ □□(□□ □□□□□□ □□ □□□□ □□ □□ EU 2019/1148 )□ □□□ □□ □□ □□

## □□ □□□□ □□ (273/2004)

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□□

VOC ordinance (ChemVOCFarbV)

:

WGK

: WGK 3, □□ □□ □□□ (Classification according to AwSV).

□□ □□ □□(12. BImSchV)

: □□ □□ □□(12. BImSchV)□ □□ □□ □□

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SZW-lijst van kankerverwekkende stoffen

: □□□ □□

SZW-lijst van mutagene stoffen

: □□□ □□

SZW-lijst van reprotoxische stoffen – Borstvoeding

: □□□ □□

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid

: □□□ □□

SZW-lijst van reprotoxische stoffen – Ontwikkeling

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## 15.2. □□ □□ □□□ □□

No chemical safety assessment has been carried out

## □□ 16: □ □□ □□□□

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ACGIH	American Conference of Government Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	□□ □□ □
BOD	Biochemical oxygen demand (BOD)
CAS □□	□□□□ □□ □□ □□(CAS)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	□□□ □□ □□□
CSA	□□ □□ □□□ □□
DMEL	Derived Minimal Effect level
DNEL	□□ □□□ □□
EC □□	□□ □□□ □□
EC50	Median effective concentration
ED	□□□ □□□□
EN	□□ □□
EWC	European waste catalogue
IARC	International Agency for Research on Cancer



# HEMATOXYLIN STAIN FOR MICROSCOPICAL STAINING

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	□□□ □□ □□
OSHA	Occupational Safety & Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	□□ □□□ □□
PPE	□□ □□□
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	□□□□□□□□
STP	Sewage treatment plant
TF	□□□ □□
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
COV	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	□□ □□ □□□

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