

**Safety Data Sheet**  
**MAYER'S HEMATOXYLIN**Doc.No. 931-HK100-EN, Rev: B  
Date of Release : 09-November, 2011**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

PRODUCT NAME	MAYER'S HEMATOXYLIN		
PRODUCT NO.	HK100-XAK, 5K, 7K, 9K		
SUPPLIER	Emergo Europe Molenstraat 15 NL-2513 BH The Hague The Netherlands Tel: (+31)70-345-8570 Fax: (+31)70-346-7299	MANUFACTURER	BioGenex Laboratories Inc. 49026 Milmont Drive, Fremont, CA 94538 Tel : +1 (800) 421-4149, Fax: +1 (510) 824-1490, support@biogenex.com

**2 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
ACETIC ACID ...%	200-580-7	64-19-7	10-30%	R10 C;R35
HEMATOXYLIN	208-237-3	517-28-2	1-5%	Xi;R36/37/38.

The Full Text for all R-Phrases are Displayed in Section 16

**3 HAZARDS IDENTIFICATION**

Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

**4 FIRST-AID MEASURES****INHALATION**

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

**INGESTION**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention.

**SKIN CONTACT**

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Rinse with water. Contact physician if discomfort continues.

**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid water in straight hose stream; will scatter and spread fire.

**SPECIFIC HAZARDS**

In case of fire, toxic and corrosive gases may be formed.

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

# MAYER'S HEMATOXYLIN

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing.

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Collect and dispose of spillage as indicated in section 13.

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Eliminate all sources of ignition. Avoid spilling, skin and eye contact. Avoid eating, drinking and smoking when using the product.

### STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ACETIC ACID ...%	OES	10 ppm	25 mg/m3	15 ppm	37 mg/m3

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

### HAND PROTECTION

Use protective gloves.

### EYE PROTECTION

Wear approved safety goggles.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solution
COLOUR	Purple
ODOUR	Slight odour

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

### HAZARDOUS POLYMERISATION

Unknown.

### MATERIALS TO AVOID

Strong oxidizing substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures may form toxic and corrosive vapours.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information specific to this product is available.

# MAYER'S HEMATOXYLIN

## INGESTION

May cause discomfort if swallowed.

## SKIN CONTACT

Irritating to skin.

## EYE CONTACT

Irritating to eyes.

## TARGET ORGANS

Kidneys, central nervous system, liver, cardiovascular system, eyes

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## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

No data on possible environmental effects have been found.

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## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste is classified as special waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

### DISPOSAL METHODS

Incinerate in suitable combustion chamber.

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## 14 TRANSPORT INFORMATION

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## 15 REGULATORY INFORMATION

### LABELLING



Irritant

### CONTAINS

ACETIC ACID ...%

### RISK PHRASES

R36/38 Irritating to eyes and skin.

### SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

S24/25 Avoid contact with skin and eyes.

S60 This material and/or its container must be disposed of as hazardous waste.

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC. Safety Data Sheets Directive (91/155/EEC, as amended by Directives 93/112/EC and 2001/58/EC).

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## 16 OTHER INFORMATION

### REVISION COMMENTS

Compiled in accordance with 1999/45/EC (Dangerous Preparations Directive) and 28th ATP (Adaptation to Technical Progress) to 67/548/EEC (Dangerous Substances Directive).

### RISK PHRASES IN FULL

R10 Flammable.

R35 Causes severe burns.

R36/37/38 Irritating to eyes, respiratory system and skin.