

## Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME GILL'S DOUBLE STRENGTH HAEMATOXYLIN

PRODUCT CODE 64237x

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### 2. HAZARDS IDENTIFICATION

#### CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

Acute Toxicity, Oral (Category 4)	H302
Skin Irritation (Category 2)	H315
Specific Target Organ Toxicity (Category 3)	H335
Eye Irritation (Category 2B)	H320

#### LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

#### WARNING



#### Hazard statement(s)

H302	Harmful if swallowed
H315	Causes skin irritation
H320	Causes eye irritation
H335	May cause respiratory irritation

#### Precautionary statement(s)

P301+P312	IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell
P312	Call a POISON CENTER or doctor/physician if you feel unwell

**CONTINUED OVERLEAF**

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
HAEMA-TOXYLIN [CI 75920]	208-237-3	517-28-2	0-1%	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3 H302 H315 H319 H335
7,11b-dihydroindeno[2,1-c]chromene-3,4,6a,9,10(6H)-pentol				
ALUMINIUM SULPHATE	233-135-0	10043-01-3	1-5%	Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Chronic 2 H315 H318 H335 H411
SODIUM IODATE	231-672-5	7681-55-2	<0.1 %	Oxid. Sol. 2, Acute Tox. 4, Resp. Sens. 1, Skin Sens. 1 H272 H302 H317 H334
ETHYLENE GLYCOL	203-473-3	107-21-1	25%	Acute Tox. 4, H302
ACETIC ACID	200-580-7	64-19-7	1-5%	Flam. Liq. 3, Skin Corr. 1A H226 H314

### 4. FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

#### INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention immediately.

#### SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Water spray, Alcohol-resistant foam, Dry chemicals, or Carbon dioxide.

#### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid breathing vapours or aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Provide ventilation and confine spill. Do not allow runoff to sewer. Inform Authorities if large amounts are involved. Absorb with vermiculite, dry sand or earth. Shovel up residue and collect for authorised disposal (see section 13). Flush area with plenty of water.

## 7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust function where vapours or aerosols are raised.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS

Chemical storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA		STEL	
ETHYLENE GLYCOL	WEL	20 ppm	52 mg/m <sup>3</sup>	40 ppm	104 mg/m <sup>3</sup>
ACETIC ACID	WEL	10 ppm	25 mg/m <sup>3</sup>	15 ppm	35 mg/m <sup>3</sup>

*WEL – Workplace Exposure Limit; 8h TWA – 8-hour Time-Weighted Average; STEL – Short-Term EL.*

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where vapours or mist is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high vapour levels are likely.

## OTHER PROTECTION

Provide eyewash station.

## HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Dark Red liquid
ODOUR	Faint, acidic / alcoholic
SOLUBILITY / MISCIBLE WITH	Water
SPECIFIC GRAVITY	~ 1.1 @ 20 °C

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## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### INCOMPATIBLE MATERIALS

Strong oxidisers

### CONDITIONS TO AVOID

Light, air

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## 11. TOXICOLOGICAL INFORMATION

### INHALATION

May be harmful if inhaled. May cause respiratory irritation.

### INGESTION

Harmful if swallowed.

### SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

### EYE CONTACT

Irritating to eyes.

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## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

None recorded. Release to the environment should be avoided.

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## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID/ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.  
Workplace Exposure Limits EH40/2011.

## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

### REVISION INFORMATION

Revision No.	04
Revision Date	05/2015
Comments	CHIP regulations removed
Replaces Document Generated	04/2013

### HAZARD STATEMENTS IN FULL

H226	Flammable liquid and vapour
H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H411	Toxic to aquatic life with long lasting effects