

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME MAYER'S HAEMALUM
Mayer's Haematoxylin

PRODUCT CODE 64040x

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2. HAZARDS IDENTIFICATION

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

Acute Toxicity, Oral (Category 4)	H302
Acute Toxicity, Dermal (Category 4)	H312
Eye Irritation (Category 2B)	H320

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

WARNING



Hazard statement(s)

H302	Harmful if swallowed
H312	Harmful in contact with skin
H320	Causes eye irritation

Precautionary statement(s)

P264	Wash hands / skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P312	IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312	Call a POISON CENTER or doctor/physician if you feel unwell

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
				Xn; R22 R36/37/38
7,11b-dihydroindeno[2,1-c]chromene-3,4,6a,9,10(6H)-pentol				
ALUMINIUM POTASSIUM SULPHATE	233-141-3	7784-24-9	1-5 %	
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 O; R8 Xn; R22 R42/43
CHLORAL HYDRATE	206-117-5	302-17-0	1-5 %	Eye Irrit. 2, Skin Irrit. 2, Acute Tox. 3 H301 H315 H319
				T; R25 R36/38
CITRIC ACID	201-069-1	77-92-9	0.1%	Eye Irrit. 2A H319
				Xn; R36

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

INCOMPATIBLE MATERIALS

Strong oxidisers

CONDITIONS TO AVOID

Light, air

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE

No information

Components:

<i>Chloral Hydrate</i>	LD50	Oral, Rat	479 mg/kg
	LC50	Dermal, Rat	3030 mg/kg
<i>Sodium Iodate</i>	LD50	Oral, Mouse	505 mg.kg

INHALATION

May be harmful if inhaled. May cause respiratory irritation.

INGESTION

Harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. Harmful in contact with the skin.

EYE CONTACT

Irritating to eyes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

None recorded. Release to the environment should be avoided.

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.	05
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	02/2013

HAZARD STATEMENTS IN FULL

H272	May intensify fire; oxidizer
H301	Toxic if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
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