

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME HARRIS'S TRADITIONAL HAEMATOXYLIN (UNACIDIFIED)

PRODUCT CODE 64162x

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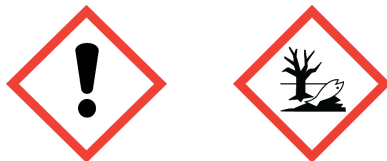
2. HAZARDS IDENTIFICATION

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 2A)	H319
Chronic Aquatic Toxicity (Category 3)	H412

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
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P302+P352	IF ON SKIN: wash with plenty of soap and water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a POISON CENTER or doctor/physician
P501	Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
ALUMINIUM POTASSIUM SULPHATE DODECAHYDRATE	233-141-3	7784-24-9	1-10%	
ETHANOL	200-578-6	64-17-5	1-5%	Flam. Liq. 2 H225
METHANOL	200-659-6	67-56-1	0-1%	Flam. Liq. 2; Acute Tox. 3; STOT SE 1 H225 H301 H311 H331 H370
MERCURY (II) OXIDE (YELLOW)	244-654-7	21908-53-2	0-1%	Acute Tox. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1 H300 H310 H330 H373 H410
HAEMATOXYLIN [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				

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. If symptoms occur 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. 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

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. Avoid aerosol formation. Provide adequate exhaust function where 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	
METHANOL	WEL (skin)	200 ppm	260 mg/m ³	250 ppm	333 mg/m ³
ETHANOL	WEL	1000 ppm	1920 mg/m ³		
MERCURIC OXIDE	WEL		0.025 mg/m ³		

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 splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high aerosol 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 Purple Liquid
ODOUR	Slight, alcohol
(SOLUBILITY) / MISCIBLE WITH:	Ethanol; Ether; Benzene; Organic solvents
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	~1.1 @ 20 °C

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

INCOMPATIBLE MATERIALS

Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE (MERCURY (II) OXIDE)

LD 50	Oral, Rat	18 mg/kg
LD 50	Dermal, Rat	315 mg/kg

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

Causes serious eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Harmful to aquatic life with long-lasting consequences. Mercury is bioaccumulative and release to the environment of this product 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>				
<u>IATA</u>				<i>Not regarded as hazardous for transport</i>
<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.	07
Revision Date	10/2015
Comments	CHIP regulations removed
Replaces Document Generated	03/2013

HAZARD STATEMENTS IN FULL

H225	Highly Flammable liquid and vapour
H300	Fatal if swallowed
H301	Toxic if swallowed
H302	Harmful if swallowed
H310	Fatal in contact with skin
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled
H331	Toxic if inhaled
H335	May cause respiratory irritation
H370	Causes damage to organs

H373	Causes damage to organs through prolonged or repeated exposure
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects