

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Haematoxylin, certified, C.I. 75290
Catalogue Number: C107; C1071; C1075.
Other Names: ABCOL Hematoxylin; BSC Certified; Natural Black 1.
Recommended Use: A biological stain.

Supplier Name: ProSciTech
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444 - 8:30am – 5:00pm, Monday to Friday (excluding Public Holidays)
Emergency Contact: (07) 4773 9444 - 8:30am – 5:00pm, Monday to Friday (excluding Public Holidays)

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification:
 Not classified as hazardous according to criteria for Classifying Hazardous Substances [NOHSC:1008].

Hazardous and/or Dangerous Nature:
 NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Risk Phrases:

None applicable.

Safety Phrases:

S7: Keep container tightly closed.

S22: Do not breathe dust.

S24/25: Avoid contact with skin and eyes.

Refer to Section 15 for Poisons Schedule.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

Pure Substance (Proportion 100%):

Chemical Identity: Haematoxylin.

Common Name(s): Haematoxylin, certified, C.I. 75290; ABCOL Hematoxylin; BSC Certified; Natural Black 1.

CAS Number: 8005-33-2

SECTION 4 - FIRST AID MEASURES

Ingestion: Seek medical attention.

Inhalation: If inhaled, move to fresh air. If breathing is difficult, give oxygen and get medical attention immediately.

Eye Contact: Flush eyes with flowing water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Get medical attention immediately.

Skin Contact: Wash affected areas thoroughly with soap and water. If irritation develops, consult a physician.

First Aid Facilities: Eyebath/eyewash, Safety shower & general washroom facilities.

Medical Attention & Special Treatment:

Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use media suitable to extinguish the surrounding fire.

Hazards from Combustion Products:

Material should be non-combustible and should not produce toxic vapours/fumes.

Precautions for Fire Fighters:

Wear appropriate protective equipment for the fire situation.

Hazchem Code: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Containment & Clean up:

Wear appropriate safety equipment. Contain and clean up spill immediately, prevent from entering floor drains. Contain liquids using absorbents, sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drum, follow disposal instructions. Scrub spill area with detergent, flush with copious amounts of water.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

In accord with good industrial practice, handle this product with care and avoid personal contact. Wash thoroughly after handling. Keep lid sealed tight when not in use.

Precautions for Safe Storage:

Store in a cool, dry location away from incompatible materials and sunlight.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Engineering Controls:

Use mechanical exhaust ventilation in working area and storage space.

Personal Protective Equipment:

Respiratory: NIOSH approved dust respirator – Moldex 2200.

Protective gloves: Plastic or Rubber gloves.

Eye protection: Safety glasses with side shields.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Light tan powder.
Odour:	Sweet.
pH:	Not available.
Vapour pressure (mm of Hg at °C):	Not available.
Vapour density:	Not available.
Boiling point/range (°C):	Not available.
Freezing/melting point (°C):	Not available.
Solubility:	Moderate in water.
Specific gravity or density:	Not available.
Flash Point:	Not available.
Flammable (explosive) limits:	Not available.
Ignition temperature:	Not available.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Exposure to light and air (darkens when exposed); incompatible materials.
Incompatible Materials:	Oxidising agents.
Hazardous Decomposition Products:	None known.
Hazardous Reactions:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

No documented effects of over-exposure known. No symptoms known. No medical conditions aggravated by exposure known.

Ingestion:

May be harmful, the effects are unknown.

Inhalation:

May be harmful, the effects are unknown.

Eye Contact:

May be harmful, the effects are unknown.

Skin Contact:

May be harmful, the effects are unknown.

Human/Animal data: Toxicity Data: Lowest Published Toxic Dose
Oral (Rat) 400 mg/kg - 26 weeks continuous
Equivocal Tumorigenic Agent; Blood (Lymphoma including Hodgkin's Disease).

Carcinogenic Category: Not classified as a Carcinogen by the IARC.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Not available.
Persistence and degradability:	Not available.

Mobility: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

Bury or incinerate according to federal, state and local regulations. Containers should be triple rinsed according to federal regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number: Not regulated.
UN Proper Shipping Name: Not regulated.
Class and Subsidiary risk: Not regulated.
Packing Group: Not regulated.
Special Precautions for User: Not available.
Hazchem Code: Not available.

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None Allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: 13 January 2012

Comments:

List of Publications referenced when creating this MSDS;

- Hazardous Substances Information System Consolidated Lists: Safe Work Australia.
- APPROVED CRITERIA FOR CLASSIFYING HAZARDOUS SUBSTANCES [NOHSC:1008(2004)] 3rd Edition: National Occupational Health and Safety Commission.
- Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997).
- IATA Dangerous Goods Regulations.
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)].
- Australia Standard for the Uniform Scheduling of Drugs and Poisons [SUSPD] (Australian Government Department of Health and Ageing).

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the National code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. The information published in this MSDS has been compiled from the publications listed in Section 16: to the best of our ability and knowledge these publications are considered accurate. We reserve the right to revise Material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.

... End of MSDS ...