MATERIAL SAFETY DATA SHEET
Nigrosine

Date of Issue: 21 Sept 06

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company:	**ProSciTech**
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IDENTIFICATION SECTION

Product Name	Nigrosine
Other Names	Nigrosin water soluble, Acid Black 2, Nifrosin, Nifrosine WL water soluble.
Product Code	C128, C1281
U.N. Number	None allocated
Dangerous Goods Class	None allocated
and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Use	Stain for microscopy

Physical Description and Properties

Appearance	Black powder
Boiling Point/Melting Point	No data
Vapour Pressure	No data
Specific Gravity	No data
Flash Point	No data
Flammability Limits	Not determined
Solubility in water	Water soluble

Other Properties

Ingredients

Chemical Name	CAS Number	Proportion
Nigrosin	8005-03-6	100%

HEALTH HAZARD INFORMATION

Health Effects:

Acute

Swallowed: The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.

Eye: May cause irritation.

Skin: May cause irritation. Prolonged and/or repeated contact may cause irritation and/or dermatitis. May cause skin discolouration. No skin absorption data found.

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

First Aid:

Swallowed: Do not induce vomiting unless directed to do so by medical personnel. Wash out mouth with water, provided person is conscious. Call a doctor.

Eye: Wash continuously with water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a doctor.

Skin: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

Inhaled: Remove to fresh air. If breathing becomes difficult, give oxygen. If not breathing, give artificial respiration. Get medical aid.

First Aid Facilities: Eye bath, safety shower

Advice to Doctor: Treat symptomatically and supportively.

PRECAUTIONS FOR USE

Exposure Standards: No exposure standard allocated

Engineering Controls: Facilities storing or utilising this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentration low.

Personal Protection: Wear an approved air purifying dust or mist respirator, chemical-resistant gloves, safety goggles, chemical apron. Avoid contact and inhalation.

Flammability: Not flammable under conditions of use

SAFE HANDLING INFORMATION

Storage and Transport: Store tightly capped in a cool, dry place. Store protected from light.

Spills and Disposal: Wear protective equipment. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Waste disposal method: Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local laws.

Fire/Explosion Hazard: Extinguishing media: water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Hazardous combustion or decomposition products are toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, sulphur oxides. Hazardous polymerisation has not been reported.

OTHER INFORMATION

Incompatibilities (Materials to avoid) Strong oxidising agents, strong reducing agents.

(Conditions to avoid) Light, dust generation, excess heat.

Animal Toxicity Data: No data

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