



PROSCITECH

Microscopy & Electron Beam Instrument Supplies

Address P.O. Box 111, Thuringowa Central, Qld 4817 Australia

37 Framara Drive, Kelso, Queensland 4815 Australia

Phone National (07) 4774 0370 International +61 07 4774 0370

Facsimile National (07) 4789 2313 International +61 07 4789 2313

MATERIAL SAFETY DATA SHEET

Date of Issue: January 1998

MATERIAL SAFETY DATA SHEET

Nigrosine

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

IDENTIFICATION SECTION

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

Physical Description and Properties

Appearance	Black crystalline powder
Boiling Point/Melting Point	
Vapour Pressure	
Relative Gravity	
Flash Point	

flammability Limits

Not determined

solubility in water

50 mg/mL

Other Properties

Ingredients

Chemical Name

digrosin

CAS Number

8005-03-6

Proportion

HEALTH HAZARD INFORMATION

Health Effects:

acute

swallowed:

May cause irritation. May be harmful

eye:

May cause irritation. May be harmful.

skin:

May cause irritation. May be harmful.

inhaled:

May cause irritation. May be harmful.

chronic:

First Aid:

swallowed:

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:

Wash continuously with water for at least 15 minutes. Remove contaminated clothing and shoes. Call a doctor.

inhaled:

Remove to fresh air. If breathing becomes difficult, call a doctor.

First Aid Facilities:

Eye bath, safety shower

PRECAUTIONS FOR USE

Exposure Standards:

No exposure standard allocated

Engineering Controls:

Mechanical exhaust required.

Personal Protection:

Wear appropriate respirator, chemical-resistant gloves, safety goggles, other protective clothing. Avoid contact and inhalation.

flammability:

SAFE HANDLING INFORMATION

Storage and Transport:

Store tightly capped in a cool, dry place.

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 will not occur.

OTHER INFORMATION

Incompatibilities

Materials to avoid)

Animal Toxicity Data:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.

service@proscitech.com.au