

MATERIAL SAFETY DATA SHEET

Phloxine B Certified

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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	Phloxine B Certified
Other Names	Acid Red 92. Aizen Acid Phloxine PB. Cyanosin. Eosine Blue.
Product Code	C135
U.N. Number	None allocated
Dangerous Goods Class and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Use	Biological Stain

Physical Description and Properties

Appearance	Dark-red powder.
Boiling Point/Melting Point	
Vapour Pressure	
Specific Gravity	
Flash Point	
Flammability Limits	Not determined
Solubility in water	H ₂ O: 90mg/mL

Other Properties

Ingredients

Chemical Name	CAS Number	Proportion
C ₂ OH ₂ Br ₄ Cl ₄ Na ₂ O ₅	18472-87-2	

HEALTH HAZARD INFORMATION

Health Effects:

Acute

Swallowed:	May be harmful by ingestion.
Eye:	May cause eye irritation.
Skin:	May cause skin irritation.
Inhaled:	May be harmful by inhalation.

Chronic:

First Aid:

Swallowed:	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Eye:	Wash continuously with water for 15 minutes
Skin:	Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.
Inhaled:	Remove from exposure. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen.
First Aid Facilities:	Eye bath, safety shower

PRECAUTIONS FOR USE

Exposure Standards:	No exposure standard allocated
Engineering Controls:	Ensure ventilation is adequate to maintain air concentrations below exposure standards
Personal Protection:	Chemical safety goggles. Compatible chemical-resistant gloves. NIOSH/MSHA-approved respirator.
Flammability:	Use in well ventilated area

SAFE HANDLING INFORMATION

Storage and Transport:	Keep tightly closed. Store in a cool, dry place.
Spills and Disposal:	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. 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:	Not considered a fire hazard. Not considered an explosion hazard. Use any means suitable for extinguishing surrounding fire. Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

OTHER INFORMATION

Incompatibilities (Materials to avoid)	Strong oxidising agents.
Animal Toxicity Data:	IVN-MUS: LD50 310mg/kg

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