

# MATERIAL SAFETY DATA SHEET

## Phloxine B Certified

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### STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

**Company:** ProSciTech  
**Address:** PO Box 111, Thuringowa Central Qld. 4817 Australia  
**Street Address:** 1/11 Carlton Street, Kirwan, Qld, 4817. Australia  
**Telephone Number:** (07) 4773 9444  
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### IDENTIFICATION SECTION

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

### Physical Description and Properties

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

### Other Properties

#### Ingredients

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

## HEALTH HAZARD INFORMATION

### Health Effects:

#### *Acute*

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

#### *Chronic:*

### First Aid:

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

## PRECAUTIONS FOR USE

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

## SAFE HANDLING INFORMATION

<b>Storage and Transport:</b>	Keep tightly closed. Store in a cool, dry place.
<b>Spills and Disposal:</b>	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.
<b>Fire/Explosion Hazard:</b>	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

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

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