

Product Name **AZURE B**

**Ingredient**  
AZURE B

**Conc.** >60%  
**CAS No.** 531-55-5

**Synonyms** **NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**  
FRONINE AZURE B, METHYLENE AZURE B, TRIMETHYLTHIONINE CHLORIDE.

**Appearance** VERY DARK GREEN-BLACK SHINY CRYSTALS

**Odour** SLIGHT ODOUR

**Use(s)** LABORATORY REAGENT, BIOLOGICAL STAIN, DYESTUFF.

**Supplier** FRONINE LABORATORY SUPPLIES Ph: 02 9627 3600 Emerg. Ph: 13 11 26

**Stock No.** 443.

**Poison Sched** None Allocated

**Hazchem** None Allocated

**UN No.** None Allocated

**D.G Class** None Allocated

**Pkg Group** None Allocated

**EPG** None Allocated

**Sub/Tert Risk** None Allocated

## HEALTH HAZARDS

**Health Hazard Summary** Limited toxicity data has been reported. Further toxicological research is required, therefore in the interim this product should be regarded as a potential hazard and precautions taken to avoid over exposure. Use safe work practices to avoid eye or skin contact and dust generation or inhalation.

**Eye** Possible irritant. Exposure may result in lacrimation, irritation, pain and redness.

**Inhalation** Possible irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing. Potentially harmful - product has not been fully tested.

**Skin** Possible irritant. Prolonged contact may result in irritation, rash and dermatitis. Potentially harmful - product has not been fully tested.

**Ingestion** Limited data regarding toxicity via this route has been reported. In the absence of toxicological data, this substance should be regarded as potentially toxic.

## PRECAUTIONS

**Flammability** Combustible - potentially explosive dust if exposed to heat or ignition sources, however due to the nature of use the risk is extremely low. May evolve toxic gases (carbon oxides and hydrocarbons) if heated to decomposition.

**Reactivity** Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).

**Ventilation** Do not inhale dust. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended.

## PERSONAL PROTECTIVE EQUIPMENT

**PPE** Wear coveralls, dust-proof goggles and PVC or rubber gloves. Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator. In a laboratory situation, wear a laboratory coat.



Colour  
Rating  
**AMBER**

# Chem Alert Report

Manufacturer's Material Safety Data Sheet

Product Name **AZURE B**

## FIRST AID

- Eye** Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes.
- Inhalation** If over exposure occurs, leave area of exposure. If assisting a victim avoid becoming a casualty, wear a Class P1 (Particulate) respirator where an inhalation risk exists. If victim is not breathing apply artificial respiration and seek urgent medical attention.
- Skin** Gently flush affected areas with water. Seek medical attention if irritation develops.
- Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.

## SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure product is adequately labelled, protected from physical damage and sealed when not in use.
- Waste Disposal** Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer if additional information is required.
- Transport** Not regulated for transport purposes.

## EMERGENCY

- Spillage** If spilt or if packages are damaged, collect for later disposal. For large amounts, wear dust-proof goggles, PVC/rubber gloves, a Class P1 (Particulate) respirator, coveralls and boots. Clear area of all unprotected personnel. Eliminate heat or ignition sources, cover spill with moist sand or similar, collect and place in sealable containers for disposal. Avoid generating dust.
- Fire and Explosion** Combustible solid - explosive dust at high concentrations. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers & nearby storage areas.
- Extinguishing** Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

## PHYSICAL AND CHEMICAL PROPERTIES

**Flammability:** COMBUSTIBLE  
**Boiling Point:** NOT AVAILABLE  
**Exposure Standard:** 10 mg/m3 Inspirable dust  
**pH:** NOT AVAILABLE  
**Specific Gravity:** NOT AVAILABLE  
**Vapour Pressure:** NOT AVAILABLE  
**Lower Explosion Limit:** NOT AVAILABLE

**Flash Point:** NOT AVAILABLE  
**Melting Point:** NOT AVAILABLE  
**Evaporation Rate:** NOT AVAILABLE  
**% Volatiles:** NOT AVAILABLE  
**Solubility (water):** SOLUBLE  
**Upper Explosion Limit:** NOT AVAILABLE