

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product (material) Name:** Aniline Blue. Catalogue # C066, C0661, C0665.  
**Other Names:** Calcoide Blue B, Acid Blue R, China Blue, Ink Blue A.  
**Recommended Use:** Biological stain.

**Supplier Name:** ProSciTech  
**Postal Address:** PO Box 111, Thuringowa Central Qld. 4817 Australia  
**Street Address:** 1/11 Carlton Street, Kirwan, Qld. 4817 Australia  
**Telephone Number:** (07) 4773 9444  
**Fax Number:** (07) 4773 2244  
**Emergency Contact:** (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

## SECTION 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** Hazardous according to criteria of NOHSC.  
**Risk Phrases:** R36/37/38 Irritating to eyes, respiratory system and skin.  
**Safety Phrases:** S24/25 Avoid contact with skin and eyes.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**SUBSTANCE:**  
**Chemical Identity:** Aniline Blue.  
**Common Name(s):** Calcoide Blue B, Acid Blue R, China Blue, Ink Blue A.  
**CAS Number(s):** 28631-66-5

### MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Aniline Blue	28631-66-5	100

## SECTION 4 - FIRST AID MEASURES

**Swallowed:** If victim is conscious and alert give 2-4 cups of water or milk. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Eye:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek immediate medical aid.

**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical aid if irritation occurs/persists.

**Inhaled:** Remove person to fresh air immediately. If not breathing give artificial respiration. If breathing is difficult give oxygen. Seek immediate medical attention.

**First Aid Facilities:** Safety shower, Eyebath.  
**Medical Attention & Special Treatment:**

ADDITIONAL INFORMATION:

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Water spray, dry chemical, carbon dioxide, or appropriate foam.  
**Hazards from Combustion Products:**  
**Precautions for Fire Fighters:** Wear self-contained breathing apparatus and full protective gear.  
**Hazchem Code:**

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****Emergency Procedures:**

**Containment and clean up:** Wear appropriate protective equipment, refer to Section 8. Sweep up or absorb material. Place into a suitable dry, clean container that can be closed. Avoid generating dusty conditions. Provide ventilation.

**SECTION 7 - HANDLING & STORAGE**

**Precautions for Safe Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimise dust generation and accumulation. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.

**Conditions for Safe Storage:** Store in a cool, dry, well-ventilated area away from incompatible materials and keep the container tightly closed.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**National Exposure Standards:** No exposure standard allocated.

**Biological Limit Values:** No biological limit allocated.

**Engineering Controls:** Use only in a well-ventilated area.

**Personal Protective Equipment:** Wear protective eyeglasses or chemical goggles, protective gloves and appropriate clothing to prevent contact with skin. If necessary use a NIOSH/MSHA approved respirator.

**SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES**

**Appearance:** Purple to dark red-brown powder.

**Odour:** Odourless.

**pH:** Not available.

**Vapour pressure:** Not available.

**Vapour density:** Not available.

**Boiling point/range:** Not available.

**Freezing/melting point:** Not available.

**Solubility:** Soluble.

**Specific gravity or density:** Not available.

**Flash Point:** Not available.

**Flammable (explosive) limits:** Not available.

**Ignition temperature:** Not available.

**Additional Information:** Molecular weight: 737.73

**SECTION 10 - STABILITY AND REACTIVITY**

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** Incompatible materials, dust generation.

**Incompatible Materials:** Nitrogen oxides, carbon monoxide, oxides of sulphur, carbon dioxide and nitrogen.

**Hazardous Decomposition****Products:****Hazardous Reactions:****SECTION 11 - TOXICOLOGICAL INFORMATION**

**Acute and chronic health effects:** Chronic: May cause methemoglobinemia, which is characterised by headache, weakness, dizziness, breath shortness, cyanosis (bluish skin due to deficient oxygenation of blood), unconsciousness and possible death.

**Possible routes of exposure:** Eye/skin contact, inhalation, ingestion.

**Range of effects following exposure:** EYE: May cause eye irritation.

SKIN: May cause irritation.

INHALATION: May cause respiratory tract irritation.

INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

**Dose likely to cause injury:****Delayed effects:****Relevant negative data:**

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:**

**Persistence and degradability:**

**Mobility:**

**Additional Information:**

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal Methods:** Dispose of according to Federal, State and Local regulations.

**Special Precautions:**

**SECTION 14 - TRANSPORT INFORMATION**

**UN Number:**

**UN Proper Shipping Name:**

**Class and Subsidiary risk:**

**Packing Group:**

**Special Precautions for User:**

**Hazchem Code:**

**SECTION 15 - REGULATORY INFORMATION**

**Poison Schedule Number:** None allocated

**SECTION 16 - OTHER INFORMATION**

**Date of preparation of MSDS:** 14 April 2008

---