

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Brilliant Cresyl Blue. Catalogue # C085.
Other Names:
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: 36/37/38: Irritating to eyes, respiratory system and skin.
Safety Phrases: 24/25: Avoid contact with skin and eyes.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Brilliant Cresyl Blue
Common Name(s):
CAS Number(s): 81029-05-2

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Brilliant Cresyl Blue	81029-05-2	100

SECTION 4 - FIRST AID MEASURES

Swallowed: Do not induce vomiting. If victim is conscious give 2-4 cups of water or milk. Never give anything by mouth to an unconscious person. Get medical aid.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid. Wash clothing before reuse.

Inhaled: Remove from exposure to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Seek medical aid.

First Aid Facilities: Safety shower, eyebath.

Medical Attention & Special Treatment: Treat symptomatically and supportively.

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, dry chemical, carbon dioxide, or appropriate foam.

Hazards from Combustion Products: Hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide and other irritating and toxic fumes.

Precautions for Fire Fighters: Wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up: Refer to Section 8 for protective equipment. Vacuum or sweep up the material and place into a suitable container for disposal. 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. Avoid contact with eyes, skin and clothing. Avoid generating dusty conditions. Provide adequate ventilation.

Conditions for Safe Storage: Keep container tightly closed when not in use. Store in a tightly sealed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from light.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure limit 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 safety goggles, gloves and appropriate protective clothing. If ventilation is insufficient use a NIOSH/MSHA approved or equivalent respirator.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Dark blue powder.
Odour: Not available.
pH: Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Boiling point/range: Not available.
Freezing/melting point: Not available.
Solubility: Not available.
Specific gravity or density: Not available.
Flash Point: Not available.
Flammable (explosive) limits: Not available.
Ignition temperature: Not available.
Additional Information:

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.
Conditions to avoid: Incompatible materials, light, dust generation and excess heat.
Incompatible Materials: Strong oxidising agents.
Hazardous Decomposition Products: Hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide and other irritating and toxic fumes and gases.
Hazardous Reactions:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects:
Possible routes of exposure: Inhalation, ingestion, eye/skin contact.
Range of effects following exposure: Eye: Causes irritation, may cause chemical conjunctivitis.
Skin: Causes irritation.
Ingestion: May cause gastrointestinal irritation, with nausea, vomiting and diarrhea.
Inhalation: Causes respiratory tract irritation. Can produce delayed pulmonary edema.
Dose likely to cause injury:
Delayed effects: Pulmonary edema.
Relevant negative data:

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

Persistence and degradability:

Mobility:

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with Local, State and Federal 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: October 2008
