

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Brilliant Green C.I. 42040. Catalogue # C086, C0861, C0865.
Other Names:
Recommended Use: A 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: R22 Harmful if swallowed. R36 Irritating to eyes.
Safety Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Brilliant Green.
Common Name(s):
CAS Number(s): 633-03-04

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Brilliant Green	633-03-4	100

SECTION 4 - FIRST AID MEASURES

Swallowed: If swallowed, wash out mouth with water provided the person is conscious. Seek immediate medical attention.
Eye: Wash continuously with water for 15 minutes, assure adequate flushing by separating the eyelids with fingers. Seek medical aid.
Skin: Wash continuously with water for 15 minutes, wash contaminated clothing before reuse. Seek medical aid.
Inhaled: Remove from exposure. Apply artificial respiration if not breathing. Seek Medical attention.
First Aid Facilities: Eye bath, safety shower
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Hazards from Combustion Products: Emits toxic fumes under fire conditions. Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides, Ammonia.
Precautions for Fire Fighters: Fire fighters should wear respirator, chemical safety goggles, boots and gloves.
Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:
Containment and clean up: Wear appropriate protective equipment. In the case of a spill: Sweep up and place in a suitable container for waste disposal. Ventilate area and wash site after material pickup is complete.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:	Wear appropriate protective equipment, refer to Section 8. For safe handling avoid breathing dust. Avoid contact with eyes, skin and clothing.
Conditions for Safe Storage:	Keep in a tightly closed container.

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 government approved respirator, chemical-resistant gloves and goggles.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Deep green solid crystals.
Odour:	N/A
pH:	N/A
Vapour pressure:	N/A
Vapour density:	N/A
Boiling point/range:	N/A
Freezing/melting point:	MP 210°C.
Solubility:	N/A
Specific gravity or density:	N/A
Flash Point:	N/A
Flammable (explosive) limits:	N/A
Ignition temperature:	N/A
Additional Information:	

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Incompatible materials.
Incompatible Materials:	Strong oxidizing agents and reducing agents
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides, Ammonia.
Hazardous Reactions:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects:	LD50 (Oral Rat) 313 mg/kg.
Possible routes of exposure:	Ingestion, inhalation, skin contact, eye contact.
Range of effects following exposure:	Harmful if swallowed; symptoms of exposure can be abdominal pain, nausea, vomiting, diarrhea. Irritating to eyes. May be harmful if absorbed through the skin. May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
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:	Contact a licensed professional waste disposal service to dispose of this material. 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 regulations.
Special Precautions:	

SECTION 14 - TRANSPORT INFORMATION**UN Number:****UN Proper Shipping Name:****Class and Subsidiary risk:****Packing Group:****Special Precautions for User:** Keep in a tightly closed container. For safe handling avoid breathing dust. Avoid contact with eyes, skin and clothing.**Hazchem Code:****SECTION 15 - REGULATORY INFORMATION****Poison Schedule Number:** None allocated**SECTION 16 - OTHER INFORMATION**

Date of preparation of MSDS: February 2009.

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.
