

MATERIAL SAFETY DATA SHEET

Toluidine Blue O

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STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: ProSciTech
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Street Address: 1/11 Carlton Street, Kirwan, Qld, 4817. Australia
Telephone Number: (07) 4773 9444
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IDENTIFICATION SECTION

Product Name	Toluidine Blue O
Other Names	Toluidine Blue, Tolonium chloride, Basic Blue 17
Product Code	C078
U.N. Number	None allocated
Dangerous Goods Class and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Use	Biological stain

Physical Description and Properties

Appearance	Green powder
Boiling Point/Melting Point	No data
Vapour Pressure	No data
Specific Gravity	No data
Flash Point	No data
Flammability Limits	Not determined
Solubility in water	10g/L

Other Properties

Ingredients

Chemical Name	CAS Number	Proportion
C ₁₅ H ₁₆ CLN ₃ S	92031-9	

HEALTH HAZARD INFORMATION

Health Effects:

Acute

Swallowed:	May be harmful
Eye:	May cause eye irritation
Skin:	May be harmful by skin absorption. May cause skin irritation.
Inhaled:	May be harmful

Chronic:

First Aid:

Swallowed:	Wash out mouth with water provided person is conscious. Seek medical advice.
Eye:	Wash continuously with water for 15 minutes. Seek medical advice
Skin:	Wash continuously with soap and copious amounts of water for 15 minutes. Wash contaminated clothing before reuse. Seek medical advice.
Inhaled:	Remove from exposure. Apply artificial respiration if not breathing.
First Aid Facilities:	Eye bath, safety shower

Advice to Doctor

PRECAUTIONS FOR USE

Exposure Standards:	No exposure standard established
Engineering Controls:	Mechanical exhaust required.
Personal Protection:	Wear chemical safety goggles. Wear compatible chemical-resistant gloves.
Flammability:	Not flammable under conditions of use.

SAFE HANDLING INFORMATION

Storage and Transport:	Keep tightly closed. Store in a cool, dry place.
Spills and Disposal:	Sweep up, place in a bag and hold for waste disposal. 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 environmental regulations.
Fire/Explosion Hazard:	Extinguishing media: water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam. Special firefighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Under fire conditions, emits toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas, sulfur oxides.

OTHER INFORMATION

Incompatibilities (Materials to avoid)	Strong oxidising agents
Animal Toxicity Data:	IPR-Rat LD50: 215mg/kg IVN-Rat LD50: 28930ug/kg IVN-Mus LD50: 45mg/kg UNR-Mus LD50: 28mg/kg IVN-Rbt LD50: 13440ug/kg

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