



# Material Safety Data Sheet

## Section 1: Identification of the Material and Supplier

**Supplier:** Bracton Industries (NSW) Pty. Ltd., ACN: 003 060 160  
**Address:** 50 Chard Road, BROOKVALE NSW 2100, Australia  
**Tel:** +61 2 9938 1800 (business hours) **Fax:** +61 2 9905 0979  
**Product Name:** Methyl Violet Solution  
**Other Names:** Solution of methyl violet.  
**Proper shipping name (ADG Code):** None assigned.  
**Recommended use:** As a colouring agent for beer slops. Use as directed on the product label.  
**Emergency Phone Numbers: Transport/Fire Emergency:** 000 **Medical Emergency:** 131126

## Section 2: Hazards Identification

**Not classified as hazardous according to criteria of Worksafe Australia. Non-dangerous goods.**

**Risk Phrases:** None.  
**Safety Phrases:** S: 25 Avoid contact with eyes.

## Section 3: Composition/Information on Ingredients

Ingredients:	Propane-1,2-diol	[57-55-6]	10 - 30 %
	Methyl violet (crystal violet)	[548-62-9]	< 10 %
	Other ingredients deemed not to be hazardous		< 10 %
	Water	[7732-18-5]	to 100 %

## Section 4: First Aid Measures

**For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.**

**Swallowed:** If swallowed, do NOT induce vomiting.  
**Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.  
**Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Center or a doctor, or for at least 15 minutes.  
**Inhaled:** Remove from exposure.  
**First Aid facilities: Recommended:** Eye wash. Hand wash basin.  
**Advice to Doctor:** Product is a very dilute solution of methyl violet in a water/propylene glycol solution. May be irritating to eyes. Contact Poisons Information Centre.  
**Aggravated medical conditions:** No data found.

## Section 5: Fire Fighting Measures

**HAZCHEM Code:** None assigned. **Evacuate:** No. **Extinguishant:** Water.  
**Risk of violent reaction or explosion:** No. **Products of combustion:** Water vapour, oxides of carbon.  
**Protective Equipment:** Breathing apparatus and protective gloves for fire only.

## Section 6: Accidental Release Measures

**Emergency Procedures:** Contain. Prevent spillages from entering natural waters.  
**For large spills:** Contain spillage using sand or earth. Transfer liquid and solids to suitable container. Treat residues as for small spillage. **For small spills:** If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise, absorb on inert absorbent, transfer to suitable container and arrange removal by disposals company. Wash site of spillage thoroughly with water and detergent.

## Section 7: Handling and Storage

**Precautions for safe handling:** Avoid contact with skin and eyes.  
**Conditions for safe storage:** Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a banded area. Store in original container. Keep container tightly closed and out of direct sunlight. Protect from physical damage. Clean up all spills & splashes promptly; avoid secondary accidents. **Incompatibles:** Oxidising agents.

## Section 8: Exposure Controls/Personal Protection

**National Exposure Standards:**  
**ES-TWA:** Propane-1,2-diol (vapour & particulates) 150 ppm, 474 mg/m<sup>3</sup> (particulates only) 10 mg/m<sup>3</sup>  
**ES-STEL:** None assigned. **ES-PEAK:** None assigned. **Notations:** None.  
**Biological Limit Values:** No data found.

**Engineering Controls:** Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities or if aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible, and at least below the TLV.

**Personal Protective Equipment:** Avoid contact with skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:

**Normal Use:** Eye/face protection and gloves.

**Industrial Quantities:** Face shield or safety glasses, gloves, plastic apron and impervious overalls.

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### Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Dark blue mobile liquid.	<b>Solubilities:</b>	Miscible with water in all proportions.
<b>Odour:</b>	Practically odourless.	<b>Specific Gravity/Density:</b>	1 g/mL @ 20 °C
<b>pH:</b>	About neutral.	<b>Flash Point:</b>	None.
<b>Vapour Pressure:</b>	23 hPa @ 20 °C [water]	<b>Flammable Limits:</b>	None.
<b>Vapour Density:</b>	No data.	<b>Dust Explosion:</b>	Not applicable.
<b>Boiling Point:</b>	> 100 °C	<b>Auto-ignition Temperature:</b>	No data.
<b>Melting Point:</b>	No data.	<b>Other Information:</b>	Will stain organic materials such as skin, paper, cloth, wood. May react with oxidising agents.
<b>Volatiles:</b>	75 % [water]		Slippery when spilled.
<b>VOC:</b>	< 1 %		
<b>Evaporation Rate:</b>	No data.		

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### Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Stable under normal conditions.	<b>Hazardous Decomposition Products:</b>	Oxides of carbon.
<b>Conditions to Avoid:</b>	Incompatible materials.	<b>Hazardous Reactions:</b>	None known.
<b>Incompatible Materials:</b>	Oxidising agents.		

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### Section 11: Toxicological Information

**Health Effects:** No data available for the mixture. Information presented relates to individual ingredients.

**Acute:** **Swallowed:** May cause gastrointestinal disturbances, nausea, vomiting and possible diarrhoea. Large quantities may lead to central nervous system effects similar to alcohol intoxication.

**Skin:** Will stain the skin. May cause defatting and dry skin, mild irritation. Propane-1,2-diol may be absorbed directly through unbroken skin.

**Eyes:** May cause irritation, redness, itching.

**Inhaled:** An unlikely route at normal temperatures. Inhalation of aerosols may lead to respiratory irritation.

**Chronic:** Repeated skin contact may lead to defatting and dryness of the skin, possible flaking, slight tenderness and softening of the skin. Possible risk of allergic skin reaction. Repeated ingestion of moderate quantities may lead to lactic acidosis.

**LD50:** Propane-1,2-diol 20,000 mg/kg oral, rat. 22,000 mg/kg oral, mouse.

**TDL0:** Propane-1,2-diol 79,000 mg/kg/56 weeks oral, human child - general anaesthesia, changes in surface EEG, convulsions.

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### Section 12: Ecological Information

**Ecotoxicity:** May be harmful to aquatic organisms. Persistence and degradability: No data.

**Mobility:** Readily transported by water.

**Bioaccumulative potential:** No data. **Other adverse environmental effects:** No data.

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### Section 13: Disposal Considerations

**The generator of any wastes from this product is responsible for its proper classification, transport and disposal.**

**Consult appropriate local and State regulations.**

**Disposal methods and containers:** Avoid disposal to natural waters or the environment.

**Special precautions for landfill or incineration:** Not suitable for incineration. May not be suitable for some landfill sites.

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### Section 14: Transport Information

<b>UN Number:</b>	None assigned.	<b>Special precautions for user:</b>	Contain spillages.
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<b>UN Proper shipping name:</b>	None assigned.	<b>HAZCHEM Code:</b>	None assigned.
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<b>Class and subsidiary risk:</b>	None.	<b>Material for export:</b>	Not regulated.
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<b>Packaging group:</b>	None.		
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### Section 15: Regulatory Information

<b>Poisons (SUSDP):</b>	Not a scheduled poison.	<b>Dangerous Goods:</b>	No.
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**Australian Inventory of Chemical Substances (AICS):** Listed.

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### Section 16: Other information

**Date of MSDS update:** April 2011