



# Material Safety Data Sheet

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## 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  
**Fax:** +61 2 9905 0979  
**Product Name:** Propylene Glycol Inhibitor (Formally Ice Bank Preservative)  
**Other Names:** Dilute aqueous solution of mixed preservatives.  
**Proper shipping name (ADG Code):** None.  
**Recommended use:** As a preservative for propylene glycol machines. Dilute and use as directed on the product label.  
**Emergency Phone Numbers:**  
**Transport/Fire Emergency:** 000 (Emergency Services)  
**Medical Emergency:** 131126 (Poisons Information Centre)

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## 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.

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## Section 3: Composition/Information on Ingredients

**Ingredients:** Mixed preservatives < 2 %  
Water [7732-18-5] to 100 %

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## Section 4: First Aid Measures

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

**Swallowed:** Do not induce vomiting.

**Skin:** Remove contaminated clothing and wash skin thoroughly.

**Eyes:** Hold eyes open, flood with water for at least 15 minutes and seek medical advice.

**Inhaled:** Remove from exposure.

**First Aid facilities: Recommended:** Hand wash basin.

**Advice to Doctor:** Product is a very dilute aqueous solution of mixed preservatives. May cause mild eye irritation.  
Contact Poisons Information Centre.

**Aggravated medical conditions:** None known.

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## Section 5: Fire Fighting Measures

**HAZCHEM Code:** None assigned.

**Extinguishant:** Water.

**Risk of violent reaction or explosion:** No.

**Products of combustion:** Water vapour, traces of oxides of nitrogen.

**Protective Equipment:** Breathing apparatus and protective gloves for fire only.

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## 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:** Mop up with plenty of water and run to waste, diluting greatly with running water, or absorb on inert absorbent, transfer to suitable container and arrange removal by disposals company. Wash site of spillage thoroughly with water and detergent.

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## 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 and splashes promptly; avoid secondary accidents.

**Incompatibles:** Oxidising agents, acids.

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## Section 8: Exposure Controls/Personal Protection

**National Exposure Standards:****ES-TWA:** None assigned. **ES-STEL:** None assigned. **ES-PEAK:** None.**Notations:** None. **Biological Limit Values:** No data.**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.**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. Gloves, rubber or plastic.**Industrial Quantities:** Face shield or safety glasses. Gloves, rubber or plastic. Overalls.

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**Section 9: Physical and Chemical Properties****Appearance:** Clear, pale pink to brown, mobile liquid.**Odour:** None.**pH:** Alkaline.**Vapour Pressure:** 23 hPa @ 20 °C**Vapour Density:** No data.**Boiling Point:** 100 °C**Melting Point:** No data.**Volatiles:** 99 %**VOC:** None.**Evaporation Rate:** No data.**Solubilities:** Miscible with water in all proportions.**Specific Gravity:** 1 g/mL @ 20 °C**Flash Point:** None.**Flammable Limits:** None.**Dust Explosion:** Not applicable.**Auto-ignition Temperature:** No data.**Other Information:** Incompatible with acids. May form a sediment on long storage - shake well before use.

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**Section 10: Stability and Reactivity****Chemical Stability:** Stable under normal conditions.**Conditions to Avoid:** Incompatible materials.**Incompatible Materials:** Acids, oxidising agents.**Hazardous Decomposition Products:** Oxides of nitrogen.**Hazardous Reactions:** None known.

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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 gastric upset, nausea and possible vomiting.**Skin:** Prolonged contact may lead to mild irritation.**Eyes:** May cause mild irritation.**Inhaled:** An unlikely route, owing to the low volatility of ingredients.**Chronic:** Repeated skin contact may lead to irritation.**LD50:** Preservative #1 656 mg/kg oral, rat. 683 mg/kg oral, mouse. 500 mg/kg oral, cat. Preservative #2 560 mg/kg oral, rat. 615 mg/kg oral, mouse.

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**Section 12: Ecological Information****Ecotoxicity:** May be harmful to aquatic organisms.**Mobility:** Readily transported by water.**Bioaccumulative potential:** No data.**Persistence and degradability:** No data.**Environmental Fate:** 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 landfill.

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**Section 14: Transport Information****UN Number:** None assigned.**UN Proper shipping name:** None.**Class and subsidiary risk:** None.**Packaging group:** None.**Special precautions for user:** None.**HAZCHEM Code:** None assigned.**Material for export:** No data.

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**Section 15: Regulatory Information****Poisons (SUSDP):** Not a scheduled poison.**Dangerous Goods:** Not dangerous goods.**Australian Inventory of Chemical Substances (AICS):** Listed.

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**Section 16: Other information****Date of MSDS preparation/update:** April 2011