

**Section 01: Identification**Product Name: **MAGIC ICE**

Recommended Use: Ice Dressing (See Technical Data Sheet)

**Section 02: Hazards Identification/Emergency Overview**

Physical State: Liquid

Colour: Colourless

Odour: Faint

WHMIS Classification: D2



Hazard Statement: Avoid contact with acids or strong oxidizers. Avoid contact with skin and eyes. Do not ingest.

**Section 03: Composition/Information on Ingredients**

Ingredient	% Conc.	C.A.S. #	Ingredient	% Conc.	C.A.S. #
Sodium Sulphite	5 - 15	7757-83-7			

**Section 04: First Aid Measures**

Skin: Flush skin thoroughly for at least 10 minutes. Remove contaminated clothing if necessary. Seek medical attention if irritation occurs or persists.

Eyes: Flush eyes with running water for at least 10 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek medical attention if irritation occurs or persists.

Inhalation: Assist difficult breathing by removing casualty to fresh air. Administer oxygen to casualty experiencing breathing difficulty. Perform artificial respiration if breathing stops. Seek medical attention if breathing remains laboured or difficult.

Ingestion: If swallowed, DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

**Section 05: Fire Fighting Measures**

Flammable: Non-Flammable If yes, under what conditions: Not Applicable

Means of extinction: Standard procedure for chemical fires. Cool containers / tanks with water spray.

Hazardous combustion products: May yield sulphur dioxide.

Special protective equipment and precautions for firefighters: Standard equipment for chemical fires.

**Section 06: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: See Section 8.

Environment precautions: Avoid entry of product into the sewage system or water streams.

Methods and materials for containment and cleaning-up: Use appropriate tools to contain the spilled chemical, use absorbent material to absorb spilled chemical, dispose of absorbed material in a waste disposal container.

**Section 07: Handling and Storage**

Precautions for safe handling: Open and handle container with care. Do not eat, drink or smoke in the presence of open container. Follow routine safe-handling procedures.

Storage requirements: When not in use, keep container tightly closed in a dry, cool, well-ventilated area. Avoid contact with incompatible materials listed in Section 10. Store away from food, drink and ignition sources. Empty containers can retain product residue and may be hazardous.

**Section 08: Exposure Controls/Personal Protection**

Note: These recommendations provide general guidelines for handling this product. Personal protective equipment should be selected according to individual application of the material, safe handling practices to consider include: exposure potential, chemical concentration and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local, provincial and federal authorities.

Recommended Personal Protective Equipment:

Gloves: PVC or Nitrile Rubber

Respiratory: NIOSH approved respirator (when fumes are present)

Eye: Chemical goggles or face shield

Footwear: Chemical resistant footwear

Clothing: Cover exposed skin

Engineering controls: Local mechanical exhaust ventilation

Other: Eyewash station and safety shower are proximal to workstation

**Section 09: Physical and Chemical Properties**

Physical State: Liquid

Appearance: Colourless

Odour: Faint

Odour threshold: Not Available

pH @ 10%: 9.64

Melting point / Freezing point (°C): -2° C

Initial boiling point and boiling range (°C): &gt;100° C

Flash point (°C): Not Applicable

Evaporation rate: (water=1) &lt;1

Flammability: Non-Flammable

Upper / Lower flammability or explosive limits: Not Applicable

Vapour pressure (mmHg): Not Available

Vapour density (Air=1): &lt;1

Relative density: Not Available

Solubility: Completely Soluble

Partition coefficient: n-octanol/water: Not Applicable

Auto-ignition temperature (°C): Not Applicable

Decomposition temperature: 900° C

Specific Gravity: 1.092

### Section 10: Stability and Reactivity

Chemical stability under normal conditions: Stable.

If no, under what conditions: Avoid moisture and elevated temperatures.

Possibility of hazardous reactions: Normally stable.

Incompatible materials: Avoid contact with acids or strong oxidizers.

Reactivity and under what conditions: Contact with strong oxidizers can cause an exothermic reaction.

Hazardous decomposition products: Contact with acid releases sulphur dioxide gas.

### Section 11: Toxicological Information

Hazardous Ingredients (Section 3):

Sodium Sulphite

LD50, (Oral)  
820 mg/kg (Rat)

LD50, (Dermal)

LC50, (Inhalation)

Exposure

Skin Contact (Absorption – Yes)

Acute

May be irritating and cause skin drying and cracking.

Chronic

Prolonged or repeated contact may cause severe irritation, defatting of the skin or dermatitis.

Eye

Inhalation (in the presence of mist)

Irritant.

Contact with an acid releases sulphur dioxide gas, which is harmful or deadly when inhaled.

Ingestion

Swallowing will produce a gastrointestinal irritation, nausea, vomiting and diarrhea.

Harmful when large volume is ingested.

Note: Sulphite sensitive individuals may experience a severe allergic reaction.

Teratogenicity: Not Available

Reproductive toxicity: Not Available

Mutagenicity: Not Available

Carcinogenicity: This product does not contain ingredients considered carcinogenic, by the National Toxicity Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.

### Section 12: Ecological Consideration

Ecotoxicity (aquatic and terrestrial): Not Available

Persistence and degradability: Not Available

Bioaccumulative potential: Not Available

Mobility in soil: Not Available

Other adverse effects: Not Available

### Section 13: Disposal Considerations

Waste Disposal: Dispose of this material and its container in accordance with local, provincial and federal regulations.

### Section 14: Transport Information

UN Number: Not Applicable

Shipping Name: Not applicable

Packing Group: Not Applicable

Special Shipping Information:

Freeze/Thaw Stable. Agitation required.

Freeze at: -2 C

### Section 15: Regulatory Information

This safety data sheet has been prepared in accordance with the WHMIS standards. All materials used appear on the Canadian DSL. Materials not listed are either non-hazardous or in concentrations of less than 0.1%.

### Section 16: Other Information

Responsibility Statement

The information contained herein is provided as a guide to the handling of this product. It is our belief that the information provided in this safety data sheet is reliable. This product should not be used by any person who is not familiar with the contents of this safety data sheet, the recommendation found on the label or technical data sheet. No warranty of any kind is given or implied and Enercon Water Treatment Ltd. assumes no responsibility for damages, losses, injuries or events resulting from damages incurred from its use. The information on this material safety data sheet relates only to the specific material designated herein and does not relate to material use in combination with any other material or in any process.

Prepared By: Technical Services

Preparation Date: March 1, 2014

Expiry Date: March 1, 2017