



MELT OFF ICE MELTER

Revision 01/30/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	MELT-OFF ICE MELTER
Recommended use	Ice Melter
Distributed by	EcoChem Products, LLC P.O. Box 449 Salt Lake City, UT 84110 (800) 411-1455
Emergency Contact # (24 Hour)	InfoTrac (800) 535-5053

2. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture	None
Hazard Statements	None
GHS label elements, including precautionary statements	None
Hazards not otherwise classified (HNOC)	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Substance(s) Description</u>	<u>CAS#</u>
Sodium Chloride	7647-14-5
Proprietary Inhibition Package	N/A

No ingredients are hazardous according to OSHA criteria.

No ingredients No components need to be disclosed according to applicable regulations.

4. FIRST AID MEASURES

Inhalation First Aid	Inhalation is unlikely; however, if it does occur, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention.
Skin Contact First Aid	Wash with soap and plenty of water.
Eye Contact First Aid	Flush eyes with water.
Ingestion First Aid	If swallowed, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention.
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labeling.



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Indication of any immediate medical attention and special treatment needed No data available.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards from mixture Hydrogen Chloride gas, Sodium Oxides

Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary/available.

Further information No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid breathing vapors, mist or gas.

Protective equipment and emergency procedures For personal protection see Section 8.

Environmental precautions Avoid large concentrations of product in a confined area.

Materials for containment and clean up Broom and a dustpan or shovel.

Methods for cleanup containment Sweep up and keep in suitable, closed containers for disposal.

Reference to other sections See Section 13 for disposal procedures

7. HANDLING AND STORAGE

Precautions for safe handling Wear protective equipment when handling this product to avoid eye and skin contact. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities Storage containers should be stored in a cool, dry and well-ventilated area away from strong oxidizing agents.

Specific end use(s) Apart from the uses stated in Section 1, no other specific uses are stipulated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters Contains no substances with occupational exposure limit values.



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Personal Protective Equipment (PPE)

Respiratory Protection

Dust mask if dust is excessive.

Skin Protection

Gloves should be worn when excessive skin contact cannot be avoided.

Eye Protection

Eye Protection is recommended in all industrial work places.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form: Granular, Crystal Color: Blue
Odor	None or slight vinegar
Odor Threshold	No data available
pH	8-9 in 1% water
Melting/Freezing point	Melting point/range: 801° C (1,474° F)
Initial boiling point	1,413° C (2,575° F)
Flash point	Greater than 212.0 °F (100.0 °C)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Explosive limits	No data available
Vapor pressure	1.33 hPa (1.00 mmHg) at 865° C (1, 589° F)
Vapor density	No data available
Relative density	2.1650 g/cm ³
Water solubility	soluble
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Greater than 312.0 °F (150.0 °C)
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

10. STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Other decomposition products - No data available In the event of fire: see Section 5

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Although no specific exposure limit has been established for this product OSHA and ACGIH have established limits for nuisance dust:

OSHA PEL/TWA Total 15 Mg/M3; Respirable 5 Mg/M3;
8-Hour TWA



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Eye Contact
Inhalation
Skin Contact
Ingestion
Chronic

ACGIH TLV/TWA Total 10 Mg/M3; 8 Hour TWA
Mild irritation.
Nuisance dust can be irritating to nose, throat and lungs
Prolonged continual exposure can be irritating.
Ingestion may cause gastrointestinal irritation.
No evidence of adverse effects from available information.

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish
Toxicity to daphnia and other aquatic invertebrates

LC50 - Lepomis macrochirus (Bluegill) - 5,840 mg/l - 96 h
NOEC - Daphnia - 1,500 mg/l - 7 d
LC50 - Daphnia magna (Water flea) - 1,661 mg/l - 48 h

Bioaccumulative potential
Persistence and degradability
Mobility in soil
Results of PBT and vPvB assessment

No data available
No data available
No data available
PBT/vPvB assessment not available as chemical safety assessment not required

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Product

Offer surplus and non-recyclable solution to a licensed disposal company.

Contaminated packaging

Containers of this material may be hazardous when emptied since emptied containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given in the data sheet must be observed. Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
IMDG
IATA

Not dangerous goods
Not dangerous goods
Not dangerous goods

15. REGULATORY INFORMATION

OSHA Category
SARA 313 Supplier Notification

Not regulated
Not reportable

All Ingredients are Listed on the TSCA Inventory



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16. OTHER INFORMATION

Special Precautions or Other Comments: The information accumulated herein is believed to be accurate but is not warranted to be regardless of whom it originates with. Recipients are advised to confirm prior to need that the information is current, applicable, and suitable to their circumstances.