

MATERIAL SAFETY DATA SHEET

Product Melt Man® Ice Melter

PRODUCT CODE MM50
DATE PREPARED September 2013



INGREDIENTS AND IDENTITY INFORMATION

CHEMICAL COMPOSITION	CHEMICAL NAME
NaCl	Sodium Chloride
MgCl ₂	Magnesium Chloride

All natural, unique and patented anti-icing/deicing liquid chemical

TRADE SECRET

This product is considered non-hazardous by the criteria specified in 29 CFR 1910.1200 (Hazard Communication).

PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT Decomposes	MELTING POINT Loses water of hydration
EVAPORATION RATE Not Applicable	VOLATILITY Not Applicable
VAPOR PRESSURE Not Applicable	SOLUBILITY IN WATER Complete
PHYSICAL DESCRIPTION Blue crystalline solid	ODOR Sweet

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP) RANGE Not applicable	EXTINGUISHING MEDIA Non-flammable
AUTO IGNITION TEMPERATURE Not applicable	FLAMMABLE LIMITS IN AIR, % BY VOLUME Not applicable
EXPLOSION LIMIT (%) Lower Upper Not applicable Not applicable	

HEALTH HAZARD INFORMATION

ORAL LD₅₀ Not applicable	PRIMARY DERMAL IRRITATION Contact may cause skin irritation.
DERMAL LD₅₀ Not applicable	PRIMARY EYE IRRITATION Contact may cause eye irritation.
INHALATION May cause respiratory irritation.	

CHRONIC EFFECTS

Inhalation of dust may be irritating to mucous membranes. Chronic inhalation of dust may reduce lung function.

EMERGENCY AND FIRST AID PROCEDURES

EYES
Wash thoroughly with running water for at least 15 minutes.

SKIN
Wash with soap and water thoroughly. Remove chemical from skin and hair. If irritation persists, seek medical attention.

INHALATION
Remove to fresh air. Contact medical personnel if symptoms occur.

INGESTION
Call a physician or Poison Control Center immediately.

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REACTIVITY DATA

MATERIAL REACTS VIOLENTLY WITH
Stable

HAZARDOUS DECOMPOSITION PRODUCTS
Not applicable

HAZARDOUS POLYMERIZATION

Will not occur.

INCOMPATIBILITY

Avoid contact with strong acids. Mildly corrosive to metals in the presence of moisture.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Where exposure limits are exceeded, wear a suitable respirator (MSHA/NIOSH approved or equivalent).

VENTILATION

Work area must have adequate ventilation to limit exposure to this product.

PROTECTIVE CLOTHING

Gloves and safety goggles or glasses.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED.

- 1) Wear hand gloves and dust mask.
- 2) Contain spill.
- 3) Collect into clean container.
- 4) Apply recovered product per label instructions.

SPECIAL PRECAUTIONS

STATEMENT OF PRACTICAL TREATMENT

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention.

STORAGE AND DISPOSAL STATEMENTS

STORAGE

Store in original container, and keep any bags containing unused product in a locked storage area, inaccessible to children and domestic animals. Do not store near food or feedstuffs.

PRODUCT DISPOSAL

To dispose of bags containing unused product, securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL

Do not reuse empty bag. Fold empty bag and discard in trash.

SUMMARY

The information and statements in these Material Safety Data Sheets are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable, depending on particular, exceptional, or variable conditions or circumstances of use, or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you, and must make independent determinations to the suitability of the information for your particular circumstances, or conditions, and of the completeness of the information available from all sources, to assure both the proper use of the material described herein and the safety and health of employees.