

# MATERIAL SAFETY DATA SHEET

**Product**      **Melt Man® Ice Melter**

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PRODUCT CODE    MM50  
DATE PREPARED    September 2013

## DISTRIBUTOR

**T and N, Inc.**  
**815 Hwy. T - P.O. Box 240**  
**Foristell, MO 63348**



## INGREDIENTS AND IDENTITY INFORMATION

CHEMICAL COMPOSITION	CHEMICAL NAME
NaCl	Sodium Chloride
MgCl <sub>2</sub>	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

### EVAPORATION RATE

Not Applicable

### VAPOR PRESSURE

Not Applicable

### PHYSICAL DESCRIPTION

Blue crystalline solid

### MELTING POINT

Loses water of hydration

### VOLATILITY

Not Applicable

### SOLUBILITY IN WATER

Complete

### ODOR

Sweet

## FIRE AND EXPLOSION HAZARD DATA

### FLASH POINT (CLOSED CUP) RANGE

Not applicable

### AUTO IGNITION TEMPERATURE

Not applicable

### EXPLOSION LIMIT (%)

Lower	Upper
Not applicable	Not applicable

### EXTINGUISHING MEDIA

Non-flammable

### FLAMMABLE LIMITS IN AIR, % BY VOLUME

Not applicable

## HEALTH HAZARD INFORMATION

### ORAL LD<sub>50</sub>

Not applicable

### DERMAL LD<sub>50</sub>

Not applicable

### INHALATION

May cause respiratory irritation.

### CHRONIC EFFECTS

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

### PRIMARY DERMAL IRRITATION

Contact may cause skin irritation.

### PRIMARY EYE IRRITATION

Contact may cause eye irritation.

## 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.

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