

# T&N, Incorporated

## *Professional Turf and Ice Melt Products*

815 Highway T • P.O. Box 240 • Foristell, MO 63348-0240  
Local (636) 673-2505 • Toll Free (866) 670-2505 • Fax (636) 673-2750  
E-Mail: tandninc@aol.com                      www.tandninc.com

### **MATERIAL SAFETY DATA SHEET**

#### **PRODUCT      MELT MAN® Ice Melter**

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PRODUCT CODE    MM50, MM40, MM20, MM10

DATE PREPARED    October, 2006

#### **DISTRIBUTOR**

**T and N, Inc.**

**815 Hwy. T - P.O. Box 240**

**Foristell, MO 63348**

#### **INGREDIENTS AND IDENTITY INFORMATION**

INGREDIENT	PEL	TLV
Granular Muriate of Potash	15 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup> *

\*As nuisance dust

#### **PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT 760 mm/Hg                      SPECIFIC GRAVITY (H<sub>2</sub>O=1)

Greater than 225°F                                      1.9

APPEARANCE AND ODOR                              pH

White granular solids and flakes, no odor                      8.0 - 9.0

MELTING POINT                                      SOLUBILITY IN H<sub>2</sub>O

Loss of hydration at 116 - 118°C                                      Soluble

#### **FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (CLOSED CUP) RANGE                      EXTINGUISHING MEDIA

Not applicable    Non-flammable

AUTO IGNITION TEMPERATURE                      FLAMMABLE LIMITS IN AIR, % BY VOLUME

Not applicable    Not applicable

EXPLOSION LIMIT (%)

Lower    Upper

Not applicable                                      Not applicable

#### **HEALTH HAZARD INFORMATION**

ORAL LD<sub>50</sub>    PRIMARY DERMAL IRRITATION

Not applicable    Contact may cause skin irritation.

DERMAL LD<sub>50</sub>    PRIMARY EYE IRRITATION

Not applicable    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.

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#### INGESTION

Call a physician or Poison Control Center immediately.

#### **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.

#### **PHYSICAL DATA, % CUMULATIVE**

(TYLER MESH)	OPENING	RANGE	TYPICAL
+6	(3.33MM)	4-12	8
+8	(2.36MM)	50-75	60
+10	(1.65MM)	80-95	90
+14	(1.17MM)	95-97	96
+20	(0.83MM)	97-100	98

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#### **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.