

MATERIAL SAFETY DATA SHEET

Product

enviro-heat™ Ice Melter

PRODUCT CODE EM50/EM20

DATE PREPARED April 2012

DISTRIBUTOR

T and N, Inc.

815 Hwy. T - P.O. Box 240

Foristell, MO 63348

MATERIAL IDENTIFICATION & INFORMATION

COMPONENTS - CHEMICAL NAMES AND COMMON NAMES

(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

SARA III LIST

ACGIH TLV (ppm)

% BY WT.

No

No

N/A

OSHA PEL (ppm)

CARCINOGEN REF. SOURCES**

No

d

TRADE SECRET

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

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

**Chemical Listed as Carcinogen or Potential Carcinogen. (a) NTP (b) IARC Monograph (c) OSHA (d) Not Listed (e)

Animal Data Only

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT

(°F) N/A

pH

Neutral

VAPOR PRESSURE

(mmHg) N/A

PHYSICAL STATE

Solid

VAPOR DENSITY

(AIR=1) N/A

FREEZING POINT

N/A

SOLUBILITY IN WATER

Soluble

MELTING POINT

Minus 30 degrees Fahrenheit

SPECIFIC GRAVITY

(H₂O=1) -2.2

APPEARANCE AND ODOR

Light golden brown, crystalline, slight odor.

PERCENT VOLATILE

N/A

FIRE AND EXPLOSION DATA

FLASH POINT

N/A

METHOD USED

N/A

EXTINGUISHING MEDIA

Dry chemical, foam, carbon dioxide, water fog.

SPECIAL FIREFIGHTING PROCEDURES

Firefighters should wear full protective clothing including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

HAZARDOUS COMBUSTION PRODUCTS

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

REACTIVITY DATA

STABILITY DATA

Stable

INCOMPATIBILITY

Heating in the presence of strong acids can result in evolution of methyl alcohol.



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HAZARDS DECOMPOSITION PRODUCTS

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

HAZARDOUS POLYMERIZATION

Will not occur.

HEALTH HAZARD DATA

EMERGENCY OVERVIEW

Product is a nonflammable light golden brown crystalline granule. Eye contact may produce slight irritation.

HAZARD STATEMENTS

Dust may cause slight eye irritation

POTENTIAL HEALTH EFFECTS

Eyes

Contact may produce mechanical irritation

Skin

No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.

Ingestion

Ingestion of small amounts would not be expected to produce toxicity

Inhalation

None

EMERGENCY FIRST AID PROCEDURES

Skin

Wash with soap and water. If irritation develops or persists, seek medical attention.

Eyes

Immediately flush eyes with plenty of water for 30 minutes. Seek medical attention if irritation persists.

Ingestion

If large quantities are swallowed, get medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Inhalation

None

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up or vacuum spilled material.

WASTE DISPOSAL METHOD

Empty container retains product residue. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Empty container, remove all product residue. Puncture or otherwise destroy empty container before disposal. All wastes must be handled in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Avoid getting this material into contact with your eyes. Wash thoroughly after handling. Store in a dry area.

OTHER PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

If ventilation is not sufficient to effectively remove and prevent buildup of dusts, appropriate NIOSH approved respiratory protection should be provided.

PROTECTIVE GLOVES

Wear impervious gloves for prolonged contact.

EYE/FACE PROTECTION

Wear safety glasses

OTHER PROTECTIVE EQUIPMENT

Use good industrial hygiene practices in handling this material.

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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.

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