

# Sears Ecological Applications Co, LLC

## MATERIAL SAFETY DATA SHEET

### ICE B'GONE II - 20

#### SECTION I - MATERIAL IDENTIFICATION AND USE:

<b>MATERIAL NAME</b> ICE B'GONE II - 20	<b>CLASSIFICATION/WHMIS</b> Not Controlled
<b>MANUFACTURERS' NAME AND ADDRESS</b> Sears Ecological Applications Company LLC 1914 Black River Blvd, Rome, NY 13440	<b>EMERGENCY PHONE NUMBERS</b> (315) 337-1232

<b>CHEMICAL NAME</b> Magnesium Chloride and Blackstrap Molasses or Hi Fructose Corn Syrup	<b>CHEMICAL FAMILY</b> N/A	<b>CHEMICAL FORMULA</b> N/A
<b>TRADE NAMES &amp; SYNONYMS</b> ICE B'GONE II - 20 ICE B'GONE	<b>MOLECULAR WEIGHT</b> N/A	<b>MATERIAL USE</b> Deicing, anti-icing

#### SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL:

<b>CHEMICAL IDENTITY</b>	<b>CONCENTRATION %</b>	<b>C.A.S.#</b>	<b>LD50</b>	<b>LC50</b>
Non Hazardous Chemicals				
Magnesium Chloride or Hi Fructose Corn Syrup		7791-18-6	N/A	N/A
Molasses		N/A	N/A	N/A

#### SECTION III - PHYSICAL DATA:

<b>PHYSICAL STATE</b> Liquid	<b>ODOR AND APPEARANCE</b> Amber liquid, pleasant odor	<b>ODOR THRESHOLD</b> N/A
<b>SPECIFIC GRAVITY</b> 1.30	<b>VAPOR PRESSURE (mm)</b> N/A	<b>VAPOR DENSITY</b> N/A
<b>EVAPORATION RATE</b> None	<b>BOILING POINT (°C)</b> 100°	<b>FREEZING POINT (°C)</b> <-45°
<b>SOLUBILITY IN WATER (20°C)</b> Soluble in water	<b>%VOLATILE (BY VOLUME)</b> N/A	<b>pH</b> 5.5

#### SECTION IV - FIRE & EXPLOSION HAZARD:

<b>FLAMMABILITY</b> No	<b>IF YES, UNDER WHAT CONDITIONS</b> N/A
<b>MEANS OF EXTINGUISHING</b> N/A	<b>SPECIAL PROCEDURES</b> None
<b>FLASHPOINT (°C) &amp; METHOD (VOLUME)</b> N/A	<b>UPPER EXPLOSIVE LIMIT (% BY VOLUME)</b> None
<b>LOWER EXPLOSIVE LIMIT (% BY VOLUME)</b> N/A	<b>AUTO IGNITION TEMPERATURES (°C)</b> N/A
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> None	

## **SECTION V - REACTIVITY DATA:**

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY:** No

**REACTIVITY:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

## **SECTION VI - HEALTH HAZARD DATA:**

**ROUTES OF ENTRY:** Ingestion

**HEALTH HAZARDS OF ACUTE EXPOSURE TO MATERIAL:**

Classified as Non-Toxic, LD<sub>50</sub> (oral rat): 8100 mg/kg

**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** N/A

**EXPOSURE LIMITS:** N/A

**SENSITIVITY OF MATERIAL:** Does not occur

**IRRITANCY OF MATERIAL:** N/A

**SYNERGISSTIC MATERIALS:** None

**CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, and MUTAGENICITY:** None

## **SECTION VII - PREVENTATIVE MEASURES:**

**PERSONAL PROTECTIVE EQUIPMENT:**

GLOVES: Rubber gloves recommended

EYES: Safety goggles recommended

OTHER: None

RESPIRATORY: None

**ENGINEERING CONTROL:** N/A

**LEAK AND SPILL PROCEDURE:** Flush small amounts to drain, collect large amounts and mix with road sand.

**WASTE DISPOSAL:** Rinse to sewer

**HANDLING PROCEDURES & EQUIPMENT:** Wash skin and equipment with water

**STORAGE REQUIREMENTS:** Avoid aluminum tanks

**SPECIAL SHIPPING INFORMATION:** None

**ENVIRONMENTAL IMPACT:** Has no environmental impact due to very low phosphorus content (less than 100 ppm)

## **SECTION VIII – FIRST AID MEASURES**

**INHALATION:** None

**INGESTION:** If discomfort exists, give fluids and treat symptomatically.

Give 2 – 4 glasses of water, seek medical attention.

**EYE CONTACT:** Flush eyes with fresh water.

**SKIN CONTACT:** Wash with warm water.

## **SECTION IX - PREPARATION DATE OF MSDS:**

**PREPARED BY**

Sears Ecological Applications Co, LLC

**TELEPHONE #**

(315) 337-1232

**PREP DATE**

January 2010

**SUPERSEDES**

September 2005

**DISCLAIMER:** Sears Ecological Applications Co, LLC., believes that the information contained herein to be accurate. However, the data and information are presented without any representation or warrant expressed or implied, regarding their accuracy or correctness. Once this product leaves the property of Sears Ecological Applications Co., LLC, the condition or methods of handling, storage, use and disposal are beyond the control and knowledge of Sears Ecological Applications Co., LLC. For this and other reasons, Sears Ecological Applications Co., LLC., does not assume responsibility and expressly disclaims liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.