



**SAFETY DATA SHEET**

DATE PREPARED: 8/3/2017

**1. IDENTIFICATION**

**PRODUCT NAME: DEEP THAW ICE MELT®**

MANUFACTURER: MORGRO, INC.  
ADDRESS: 145 WEST CENTRAL AVE  
CITY, STATE, ZIP: SALT LAKE CITY, UT 84107  
PHONE NUMBER: 1-800-221-1049  
EMERGENCY - CHEMTREC US: 1-800-424-9300  
EMERGENCY - INTERNATIONAL: 1-703-527-3887

**2. HAZARDOUS IDENTIFICATION**

HAZARDOUS COMPONENTS: CONTAINS NO HAZARDOUS INGREDIENTS AS DEFINED IN OSHA 2 TABLES OR THE CANADIAN W.H.I.M.I.S. REGULATIONS.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>MIXTURE OF INORGANIC COMPOUNDS</u>		<u>GHS HAZARD CLASSIFICATION FOR</u>	<u>% (W/W)</u>
MAGNESIUM CHLORIDE	7786-30-3	NOT CLASSIFIED	PROPRIETARY
SODIUM CHLORIDE	7647-14-5	NOT CLASSIFIED	PROPRIETARY
COLORANT BLEND	PROPRIETARY	NOT CLASSIFIED	BALANCE

**4. FIRST-AID MEASURES**

THESE PRODUCTS ARE NOT REGULATED UNDER: OSHA HAZARD COMMUNICATIONS STANDARD 29 CFR 1910.1200. DOES NOT CONTAIN ANY HAZARDOUS COMPONENTS.

<u>CARCINOGENICITY</u>		<u>ROUTE OF ENTRY</u>	
NTP	N/A	INHALATION	N/A
LARC MONOGRAPHS	N/A	SKIN	N/A
OSHA REGULATED	N/A	INGESTION	N/A
SYMPTOMS OF EXPOSURE	N/A	HEALTH HAZARDS	NONE KNOWN

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN  
EMERGENCY AND FIRST AID PROCEDURES:  
1. WASH SKIN THOROUGHLY WITH SOAP AND WATER.  
2. FLUSH EYES THOROUGHLY WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ASSISTANT.  
3. IF INGESTED, INDUCE VOMITING.

**5. FIRE-FIGHTING MEASURES**

FLASH PT. N/A  
FLAMABLE LIMITS N/A  
LEL & UEL N/A  
  
EXTINGUISHING METHOD: WATER/FOAM  
SPECIAL FIREFIGHTING PROCEDURES: NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

**6. ACCIDENTAL RELEASE MEASURES**

SPILLS: SWEEP UP AND WASH DOWN WITH WATER.  
DISPOSAL: DISCARD IN NORMAL WASTE DISPOSAL IN ACCORDANCE WITH LOCAL REGULATIONS.

**7. HANDLING AND STORAGE**

STORE IN DRY AREA  
WASH HANDS AFTER HANDLING

KEEP CONTAINER CLOSED WHEN NOT IN USE  
 KEEP OUT OF REACH OF CHILDREN. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES. AVOID INHALATION OF DUSTS/PARTICULATES. AVOID CONTACT WITH EYES AND SKIN. CLEAN UP SPILLED PRODUCT IMMEDIATELY.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

RESPIRATORY PROTECTION	NORMAL VENTILATION	
VENTILATION	NORMAL VENTILATION	
PROTECTIVE CLOTHING	GLOVES	OPTIONAL
	EYE PROTECTION	OPTIONAL
	OTHER	NONE
WORK PRACTICES	WASH HANDS AFTER HANDLING	

**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING PT.	N/A	DENSITY	60#/CUBIC FT.
VAPOR PRES	N/A	MELTING PT.	N/A
VAPOR DENS.	N/A	EVAPORATION RATE	N/A
SOL. IN WATER	HIGHLY SOLUBLE		
COLOR	GREEN GRANULE		

**10. STABILITY AND REACTIVITY**

NFPA HAZARD RATING      0- NORMAL 1-SLIGHT 2-HAZARDOUS 3- EXTREME DANGER 4- DEADLY

STABILITY	STABLE	0
CONDITIONS TO AVOID	NONE	0
INCOMPATIBILITY	N/A	
HAZARDOUS DECOMPOSITION OR BY PRODUCTS	N/A HEALTH FLAMMABILITY	1 0
HAZARDOUS BY PRODUCTS	NONE REACTIVITY	0
	PERSONAL PROTECTION	0



**11. TOXICOLOGICAL INFORMATION**

**INFORMATION ON TOXICOLOGICAL EFFECTS**

\* ACUTE TOXICITY:

TOXICOLOGY DATA: THE FOLLOWING DATA ARE AVAILABLE FOR COMPONENTS OF THIS PRODUCT

**SODIUM CHLORIDE**

LD50 (Oral, Rat) = 3,550 mg/kg  
 LC50 (Inhalation, Rat) = 1 hour > 42,000 mg/m3  
 LD50 (Dermal, Rabbit) - > 10,000 mg/kg

**MAGNESIUM CHLORIDE**

LD50 (Oral, Rat) = 3000 mg/kg  
 LD50 (Dermal, Rabbit) = 10,000 mg/kg

SENSITIZATION: NO COMPONENTS OF THIS PRODUCT ARE KNOWN TO CAUSE SKIN OR RESPIRATORY SENSITIZATION.

**12. ECOLOGICAL INFORMATION**

**TOXICITY**

BASED ON AVAILABLE DATA, THIS PRODUCT MAY BE HARMFUL TO CONTAMINATED TERRESTRIAL OR AQUATIC PLANTS OR ANIMALS, ESPECIALLY IF LARGE VOLUMES ARE RELEASED INTO THE ENVIRONMENT. THE FOLLOWING DATA ARE AVAILABLE FOR COMPONENTS OF THIS PRODUCT:

**SODIUM CHLORIDE**

LC50 (Lepomis macrochirus) - 5,840 mg/L - 96 hours  
 NOEC - Daphnia - 1,500 mg/L- 7 days  
 LC50 (Daphnia magna) - 1,661 mg/L - 48 hours

**MAGNESIUM CHLORIDE**

LC50 (Pimephales promelas) - 2,119.3 mg/L - 96 hours  
 LC50 ( Daphnia magna) - 548.4 mg/L - 48 hours  
 EC50 (Desmodesmus subspicatus/Scenedesmus subspicatus) - > 100 mg/L - 72 hours  
 EC50 - Sludge Treatment - > 900 mg/l - 3 hours

**OTHER ADVERSE EFFECTS**

NONE REPORTED

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### **13. DISPOSAL CONSIDERATIONS**

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#### **WASTE TREATMENT METHODS**

DISCARD IN NORMAL WASTE DISPOSAL IN ACCORDANCE WITH FEDERAL & STATE REGULATIONS

#### **DISPOSAL CONSIDERATIONS**

EPA RCRA WASTE CODE: NOT APPLICABLE

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### **14. TRANSPORT INFORMATION**

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DEPARTMENT OF TRANSPORTATION (DOT) - NOT REGULATED

FREIGHT CLASS - 50

#### **ENVIRONMENTAL HAZARDS**

NONE DESCRIBED, AS RELATED TO TRANSPORTATION

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### **15. REGULATORY INFORMATION**

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US FEDERAL REGULATIONS: THIS PRODUCT IS NOT KNOWN TO BE A "HAZARDOUS CHEMICAL" AS DEFINED

BY THE OSHA HAZARDOUS COMMUNICATIONS STANDARD, 29 CFR 1910.1200

WHMIS STATUS: NOT CONTROLLED

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### **16. OTHER INFORMATION**

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#### **INDICATION OF CHANGE**

DATE OF REVISION: June 1, 2015

CHANGE INDICATED: Update of OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### **KEY LITERATURE REFERENCES AND SOURCES FOR DATA**

Federal OSHA Hazard Communication Standard: 29 CFR 1910.1200.

- SAX – Dangerous Properties of Industrial Materials
- RTECS – Registry of Effects of Toxic Chemicals
- TOXNET – <http://toxnet.nlm.nih.gov/>

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