



SAFETY DATA SHEET

DATE PREPARED:

8/3/2017

1. IDENTIFICATION

PRODUCT NAME: DEEP THAW ICE MELT®

MANUFACTURER: MORGRO, INC.
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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, EXPECIALLY 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

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

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

DISPOSAL CONSIDERATIONS

EPA RCRA WASTE CODE: NOT APPLICABLE

14. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT) - NOT REGULATED

FREIGHT CLASS - 50

ENVIRONMENTAL HAZARDS

NONE DESCRIBED, AS RELATED TO TRANSPORTATION

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

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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