

10 REASONS TO CHOOSE



- 1 Each individual SNO-PLOW™ granule is now coated with "LIQUI-FIRE™" melting enhancer. Unlike many salt and pepper ice melters, (one granule of this and one granule of that), each granule of SNO-PLOW™ works individually for maximum performance.
- 2 "LIQUI-FIRE™" is very safe. It is less toxic than baking soda. SNO-PLOW™ snow and ice melter contains no dangerous chemicals. It can be handled safely with bare hands. 100% non-toxic to children and pets.
- 3 SNO-PLOW™'s green colored granules reduce the possibility of over-application, the major cause of tracking problems. SNO-PLOW™ with "LIQUI-FIRE™" is safe on carpets and floors. Leaves no oily residue.
- 4 "SNO-PLOW™" will not harm trees, shrubs, lawns or other vegetation when used as directed.
- 5 SNO-PLOW™ is safe for concrete when used according to the manufacturers recommendations. When used on concrete do not use in excess of specifications listed by the manufacturer.
- 6 Unlike many other ice melters, "LIQUI-FIRE™" contains an anti-corrosion chemical to help fight corrosion to exposed metal.
- 7 "LIQUI-FIRE™" effectively lowers the working temperature range of SNO-PLOW™ allowing it to work up to 3 times faster than ordinary ice melters. The "LIQUI-FIRE™" in SNO-PLOW™ has a maximum freezing point of -27°F (-32°C).
- 8 "SNO-PLOW™" with "LIQUI-FIRE™" is available in five convenient sizes and packages, ranging from 25# to 100# containers.
- 9 "SNO-PLOW™" is very economical to use. If used according to label directions you will use less product per sq. ft. than most other ice melters on the market.
- 10 Compared to many other ice melters, "LIQUI-FIRE™" maintains the free flowing nature of SNO-PLOW™ for easier application and unlimited shelf life. SNO-PLOW™ is less likely to attract moisture and to cake.

Starts working on contact



SAFETY DATA SHEET

DATE PREPARED:

5/26/2016

1. IDENTIFICATION

PRODUCT NAME: SNO PLOW®

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.

CARCINOGENICITY

NTP: N/A
LARC MONOGRAPHS: N/A
OSHA REGULATED: N/A
SYMPTOMS OF EXPOSURE: N/A

ROUTE OF ENTRY

INHALATION: N/A
SKIN: N/A
INGESTION: 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

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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