

MATERIAL SAFETY DATA SHEET

Section One Product and Company Information

Product Name: D ICE 613 Liquid Ice Melt **Date:** July 1, 2010
Chemical Family: Salt Solution **Application:** Ice Melting Compound **CAS#:** Mixture
Manufacturer: Green2Green Solutions, Inc. **Product Technical Information:** 1-519-999-4887
5039 Green Pine Court **Medical/Handling Emergency:** 1-989-843-6163
Sylvania, Ohio 43560 **Transportation Emergency:** Chemtrec 1-800-424-9300

Section Two Composition/Information on Ingredients

Component	Hazard	CAS#	OSHA PEL	ACGIH TLV	%
Water		7732-18-5			65 - 70
Calcium Chloride	Irritant	10043-52-4	N/A	N/A	15 - 20
Organic Corrosion Inhibitor		Mixture	N/A	N/A	1 - 5
Magnesium Chloride	Irritant	7786-30-3	N/A	N/A	1 - 5
Sodium Chloride	Irritant	7647-14-5	N/A	N/A	1 - 5
Potassium Chloride	Irritant	7447-40-7	N/A	N/A	1 - 5

Section Three Hazards Identification

Statement of Hazards: Caution: May cause skin or eye irritation.
Primary Route of Exposure: Skin and eye contact are the principal routes of exposure to this product.
Skin Contact - Extended skin contact can cause drying and irritation of the skin. Application of skin moisturizer after contact is recommended.
Eye Contact - Eye contact may cause irritation.
Ingestion - If swallowed, this product may cause irritation of mucosal linings of the mouth, throat, esophagus or stomach.
Carcinogenicity: IARC - No NTP - No OSHA - No ACGIH - No

Section Four First Aid Measures

Skin Contact: Wash with soap and water after any contact with skin.
Eye Contact: Flush immediately with water and remove contact lenses, if applicable. Then flush with large quantities of running water for 15 minutes. Hold eyelids apart during flushing to ensure complete rinsing of entire surface of eye and lids with water. Get medical attention immediately.
Ingestion: DO NOT induce vomiting. Rinse mouth with water. Then give 1-2 glasses of water and call a physician or poison control center immediately. If vomiting occurs, keep head below hips to reduce risk of aspiration. Give water again. NEVER give anything by mouth to a person who is unconscious or convulsing. Get medical attention immediately.
Medical Conditions Aggravated: No data is available that addresses medical conditions that are generally recognized as being aggravated by exposure to this product. **Note to Physician:** Treat exposed patients symptomatically.

Section Five Fire Fighting Measures

Flash Point(Method): None **Flammable Limits:** Not determined.
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A **Fire and Explosion Hazards:** None known.
Hazardous Products: N/A

Section Six Accidental Release Measures

Caution: Wear appropriate protective gear to avoid skin or eye contact. Dike and contain spill with inert material (sand, clay). Transfer liquid and solids to separate containers for recovery or proper disposal. Keep large spill out of storm sewers and open bodies of water. After removal, flush area with water. Follow good industrial hygiene practices. Wash thoroughly after clean-up. If uncertain about proper disposal, contact your local waste disposal provider or the regional office of the Environmental Protection Agency for guidance.

Section Seven Handling and Storage

Handling: Avoid contact with skin and eyes. Use product only according to label directions. If unsure about safe use, contact your supervisor immediately.
Storage: Store in original container in a cool, dry, well ventilated area. Store away from food or feed. Containers should be kept tightly closed when not in use. Keep in an area inaccessible to children.

Section Eight Exposure Controls/Personal Protection

Personal Protective Equipment
Respiratory: Not required. **Gloves:** Latex or neoprene rubber.
Eye Protection: Chemical resistant goggles recommended. **Other:** Not required.
Engineering Controls
Ventilation: Not required.

Section Nine Physical/Chemical Properties

Form	Liquid	pH	4 - 6	Color	None to light tan
Specific Gravity	1.27 - 1.30	Odor	Mild	Solubility	Soluble
Boiling Point	Not determined	Freezing Point	- 48° F	Evaporation Rate	< Water
% VOC	< 1				

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Section Ten Stability and Reactivity

Stability: This product is stable at ambient temperatures and atmospheric pressures.

Hazardous Decomposition Products: None known

Dangerous Polymerization: Will not occur. Conditions to avoid: None

Dangerous Reactions: None known.

Section Eleven Toxicology Information

Acute Toxicity: This product has not been evaluated for its acute toxicology profile.

Chronic Toxicity: This product has not been evaluated for its chronic toxicology profile.

Carcinogenicity: This product does not contain a listed carcinogen from NTP, ACGIH or IARC.

Irritation: This product can be expected to be a skin and eye irritant. No skin sensitization data is currently available.

Section Twelve Ecology Information

Ecotoxicity: The ecological toxicity of this product is not known.

Section Thirteen Disposal Considerations

Waste Disposal: Material that cannot be used according to label direction and is destined for disposal should be disposed of in accordance with all applicable regulations. Empty containers should be triple rinsed and offered for recycling or reconditioning. Waste generators are required to evaluate all waste material to determine if it is hazardous by characteristics or listing for compliance with RCRA and any local disposal procedures and regulations. NOTE: State and local regulations may be more stringent than Federal regulations.

Section Fourteen Transport Information

DOT

Proper Shipping Name:	Not Regulated	Hazard Class:	N/A
Packing Group:	N/A	ID Number:	N/A
DOT Label:	N/A	Emergency Guide No.:	N/A
Shipping Emergency Phone No.:	CHEMTREC 1-800-424-9300		

Section Fifteen Regulatory Information

Toxic Substances Control Act (TSCA): All of the components intentionally added to this product are listed on the on the U.S. EPA TSCA inventory.

SARA Title III

Section 302: This product contains the following chemicals subject to SARA 302 reporting: None.

Section 311/312: This product is defined as an "acute" hazard.

Section 313: *Chemicals marked with an asterisk in **Section Two** are subject to the reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act(SARA) of 1986 and 40CFR Part 372. However, if this product is utilized for routine janitorial maintenance, it is exempted from this section, as stated in paragraph B.3.b Activity Exemptions of the Form R instructions.

OSHA Hazard Communication Standard (29 CFR 1910.1200): This product is hazardous by definition of the Hazard Communication Standard.

Canada Domestic Substance List: All of the ingredients intentionally added to this product are listed on the DSL.

Canada WHMIS Class D Division 2B

NPCA Hazardous Material Identification System (HMIS Rating)

Health **1** Flammability **0** Reactivity **0** Personal Protective Eqpt. **B**

State Regulations

Pennsylvania/New Jersey/Massachusetts Right to Know

See "Section Two Composition" for listing of hazardous and top five ingredients present in concentration greater than 1%.

California Proposition 65: Components of this product which are present at a concentration which could require reporting under this statute are: None.

Section Sixteen Other Information

Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present unknown health hazards and should be used with caution. The information and recommendations contained herein are presented in good faith and are supplied pursuant to 29 CFR 1910.1200. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable Federal, State and local regulations governing the use and disposal of this material.

Prepared by: Regulatory Affairs Dept./D Ice 613