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SAFETY DATA SHEET

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: **MELTS AWAY**

Product Description: **LIQUID ICE MELT**

Other Means of Identification

Product # 155
Synonyms None

Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.
5731 Manchester Avenue
St. Louis, MO 63110
www.chemcoindustries.com
314-647-1888
1-800-854-4236 (to Reorder)

Emergency Telephone Number

Emergency Telephone INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

Physical Hazards: Not
Health Hazards: Skin corrosion/irritation Category 2
Causes serious eye irritation Category 2A
Acute Toxicity, oral Category 4
Environmental Hazards: Hazardous to aquatic environment/acute hazard Category 2
Hazardous to aquatic environment/long-term hazard Category 3
OSHA Defined Hazards: Not Established

Label Elements:



Signal Word: Warning
Hazard Statement: Causes skin irritation and serious eye irritation. Harmful if swallowed. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Precautionary Statements (Prevention): Wash thoroughly after handling. Do not eat, drink or smoke when handling this product. Avoid release to the environment. Wear protective gloves/protective eyewear/face protection.
Precautionary Statements (Response): If swallowed: call a poison center/doctor if you feel unwell. Rinse mouth. If on skin: Wash skin with plenty of water. If skin irritation occurs: get medical attention/advice. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: get medical attention/advice. Specific treatment: Rinse mouth.
Precautionary Statements (Storage): Store in original container, in upright position, tightly closed.
Precautionary Statements (Disposal): Follow local/regional/national/international regulations.
Hazards Not Otherwise Classified: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients:	CAS Number	% by Weight
Sodium Decyl Sulfate	142-87-02	1-5
Nonylphenol polyethylene glycol ether	127087-87-0	1-5
Sodium Tripolyphosphate	7758-29-4	1-5

Due to Trade Secret, the exact percentage of composition has been stated as a range. The exact identities of other ingredients has also been withheld as Trade Secret. However, they do not contribute to the identified hazards of the product and will be divulged to proper authorities in an emergency.

4. FIRST AID MEASURES

Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
Skin Contact:	Wash with plenty of water. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion:	If swallowed: call a poison control center/doctor if you feel unwell. Rinse mouth with water.
Most Important Symptoms/Effects, Acute & Delayed:	Eye itching, stinging, redness, tearing. Skin redness, itching.
Indication of Immediate Medical Attention & Special Treatment Needed:	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water fog. Foam. Dry chemical powder. Carbon dioxide.
Specific Hazards Arising From the Chemical:	During fire, gases hazardous to health may be formed.
Special Protective Equipment and Precautions for Firefighters:	Self contained breathing apparatus and full protective clothing.
Fire Fighting Equipment/Instructions:	Move containers from area if you can do so without risk.
Specific Methods:	Use standard firefighting procedures and consider the hazards of other involved materials.
General Fire Hazards:	No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment & Emergency Procedures:	Keep unnecessary personnel away. Keep people away from and upwind of spill. Keep out of low areas. Wear appropriate protective equipment and clothing during clean up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
Methods & Materials for Containment & Cleaning Up:	This product is miscible in water. Large spills: stop the flow of material, if this is without risk. Dike the spilled material, where possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.
Small spills:	wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spilled material to original container.
Environmental Precautions:	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid releases to the environment. Observe good industrial hygiene practices.
Conditions for Safe Storage, including any Incompatibilities:	Store in original tightly closed container. Store away from incompatible materials (see sec. 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Guidelines:	No exposure limits noted for ingredients.
Appropriate Engineering Controls:	Good general ventilation (generally 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and

emergency shower must be available when handling this product. It is recommended that users of this product perform a risk assessment to determine the appropriate PPE.

Individual Protection Measures, Personal Protective Equipment:

Eye/Face: Wear eye protection and face protection.

Skin/Body: Wear chemical resistant gloves.

Respiratory: No special protective equipment is needed under normal use conditions.

General Hygiene Considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely ash work clothes and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear	Color:	Blue
Physical State:	Liquid	Odor:	Sassafrass
pH:	8-9	Odor Threshold:	Not available
Boiling Point:	Unknown	Specific Gravity:	1.007
Vapor Pressure:	Unknown	Flash Point:	>200 F.
Melting Point/Freeze Point:	Unknown	Flammability (solid, gas):	Non-flammable
Evaporation Rate:	Not available	Lower Flammability Limit:	Not available
Upper Flammability Limit:	Not available	Vapor Density:	Not available
Explosive Properties:	Not available	Auto-Ignition Temperature:	Not available
Water Solubility:	Soluble	Viscosity:	Water-like
Decomposition Temperature:	Not available	Other Solubilities:	Not available
Oxidizing Properties:	Not available		

10. STABILITY AND REACTIVITY

Reactivity:	May react with oxidizing agents.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Conditions to Avoid:	Do not mix with other chemicals. Avoid contact with incompatible materials.
Incompatibility:	Oxidizing agents.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Irritating and/or noxious fumes and gases may be emitted upon decomposition. Oxides of sodium.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

Inhalation:	May cause irritation of the respiratory system. Prolonged inhalation may be harmful.
Ingestion:	Causes respiratory tract irritation.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause serious eye irritation.

COMPONENT INFORMATION:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Decyl Sulfate	725mg/kg	>2000 mg/kg	N/A
Nonyl Phenol Polyethylene glycol ether	4854mg/kg	2534mg/kg	11mg/l 4 hr.
Sodium Tripoly Phosphate	>2000mg/kg	>4640mg/kg	390mg/m3

INFORMATION ON PHYSICAL, CHEMICAL, TOXICOLOGICAL EFFECTS:

Symptoms:	May cause skin irritation. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory tract irritation if swallowed.
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DELAYED & IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT TERM EXPOSURE & LONG TERM EXPOSURE:

Carcinogenicity:	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
Respiratory Sensitization:	Not available.
Skin Sensitization:	Not expected to cause skin sensitization.
Germ Cell Mutagenicity:	No data available to indicate product is mutagenic or genotoxic.
Reproductive Toxicity:	Not expected to cause reproductive toxicity. (STPP NOAEL (rat) 141mg/kg bw/day)
Specific Target Organ Toxicity, Single exposure:	Not classified
Specific Target Organ Toxicity, repeated exposure:	Not classified.
Aspiration Hazard:	Not available.

Chronic Effects: None noted.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.			
Chemical	Algae/Aquatic Plants	Fish	Microorganisms	Crustacea
Sodium Decyl Sulfate	EC 50 60 mg/l, 72 hr	LC50 2.85mg/l 10 days	N/A	EC50 470mg/l, 48 hrs.
Nonylphenol Polyethylene Glycol Ether		LC50 1.2-9.3mg/l 96 hr.	N/A	N/A
Sodium Tripolyphosphate	EC50 160mg/l	N/A	N/A	EC50 >100mg/l
Persistence & Degradability:	No data available.			
Bioaccumulation:	No data available. STPP is essential nutrient.			
Mobility in Soil:	No data available.			
Other adverse Effects:	No other adverse effects expected.			

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local/regional/national/international regulations.

Hazardous waste Code: Waste code should be assigned by discussion between the user, the producer and the waste disposal company.

Waste from Residues/Unused Products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal Instructions).

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers may contain product residue, follow all label warnings even after container is emptied.

14. TRANSPORT INFORMATION

<i>Regulatory Information</i>	<i>UN Number</i>	<i>Proper Shipping Name</i>	<i>Classes</i>	<i>PG*</i>	<i>Label</i>
DOT Classification: Not Hazardous					

NOTE: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill Of Lading with your shipment.

PG*: Packing Group

15. REGULATORY INFORMATION

U.S. Federal Regulations:

SARA 313 toxic chemical notification and release reporting:
Not regulated.

CERCLA

Clean Water Act (CWA) 307: No.

Clean Water Act (CWA) 311: Yes, Sodium Decyl Sulfate, Nonylphenol Polyethylene Glycol Ether

Clean Air Act (CAA) 112 Regulated Toxic Substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

TSCA 8(a) IUR: Not regulated.

United States Inventory (TSCA 8b): Not regulated.

US State Right to Know Regulations: Yes, Sodium Decyl Sulfate, Nonylphenol polyethylene glycol ether, STPP.

State Regulations

California Prop 65: No products were found in sufficient amounts to require reporting.

16. OTHER INFORMATION

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA: 1,0,1

HMIS: 1,0,1

Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendee or users assume all risks associated with the use of this material.