



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Company Name</u> Nu-Calgon Wholesaler, Inc.	<u>Phone Number</u> (314) 469-7000 / (800) 554-5499		<u>CHEMTREC</u> (800) 424-9300	
<u>Street Address</u> 2008 Altom Court	<u>City</u> St. Louis	<u>State</u> MO	<u>Postal Code</u> 63146-4151	<u>Last Update</u> 5/24/10
<u>Product Name</u> Evap-Treat	<u>Product Number</u> 4173	<u>Product Use</u> Inorganic Sodium Calcium Magnesium Phosphate		<u>EPA Registration #</u> N/A

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	% By Wt.	CAS Number	TLV	PEL
Based on our hazard evaluation, none of the substances in this product are hazardous.				

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview: CAUTION May cause irritation with prolonged contact. Do not get in eyes, on skin, on clothing. Do not take internally. Do not breathe dust. Wear suitable protective clothing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Not flammable or combustible.

Potential Health Effects

Eyes: May cause irritation with prolonged contact.

Skin: May cause irritation with prolonged contact.

Ingestion: Not a likely route of exposure. No adverse effects expected.

Inhalation: Repeated or prolonged exposure may irritate the respiratory tract.

Chronic Exposure: A review of available data does not identify any symptoms from exposure not previously mentioned.

Carcinogenicity: None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

Medical Conditions Aggravated by Exposure: A review of available data does not identify any worsening of existing conditions.

SECTION 4 – FIRST AID MEASURES

Eyes: Flush affected area with water. If symptoms develop, seek medical advice.

Skin: Remove contaminated clothing. Wash off affected area immediately with plenty of water. If symptoms develop, seek medical advice.

Ingestion: Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. If symptoms develop, seek medical advice.

Inhalation: Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice. NOTE TO PHYSICIAN : Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

SECTION 5 – FIREFIGHTING MEASURES

Flash Point: Nonflammable°C/Nonflammable°F

Autoignition Temp: None.°C/None.°F

Hazardous Products of Combustion: None.

Flammable Limits in Air: None.

Extinguishing Media: Use carbon dioxide or dry chemical media for small fires., Foam, Dry powder, Other extinguishing agent suitable for Class B fires, For large fires, use water spray or fog, thoroughly drenching the burning material.

Fire and Explosion Hazards: Not flammable or combustible.

Special Firefighting Procedures: Exercise caution when fighting any chemical fire. A self-contained breathing apparatus is essential.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: PERSONAL PRECAUTIONS : Notify appropriate government, occupational health and safety and environmental authorities. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection).

METHODS FOR CLEANING UP : Sweep up and shovel. Reclaim into recovery or salvage drums. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations). **ENVIRONMENTAL PRECAUTIONS :** Do not contaminate surface water.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: Do not take internally. Ensure all containers are labelled. Avoid eye and skin contact. Avoid generating dusts.

Storage Requirements: Store separately from oxidizers. Keep in dry place.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Respiratory protection is not normally needed. An approved respirator must be worn if the occupational exposure limit is likely to be exceeded. A dust respirator may be used.

Eye Protection: Wear safety glasses with side-shields.

Protective Clothing: Gloves to avoid cuts and abrasions. Wear standard protective clothing.

Exposure Guidelines: At present, no exposure limit applies to this product. However, good manufacturing practices should emphasize exposure avoidance.

Specific Engineering Controls (such as ventilation, enclosed process): General ventilation is recommended. Local exhaust ventilation may be necessary when dusts or mists are generated. Keep an eye wash fountain available. Keep a safety shower available.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Solid	Freezing Point: No Data.°C/No Data.°F	% Volatile by Weight: No Data.%
Color: Colorless	Vapor Density [air =1]: Solid	Evaporation Rate: No Data.
Odor: None	Vapor Pressure: Solid	Specific Gravity: Solid
Boiling Point: Solid°C/Solid°F	Solubility in Water: Complete	pH (concentrate): 7.0 - 7.5

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Hazardous Polymerization: Hazardous polymerization will not occur.

Incompatibilities: Strong acids, strong bases

Reactive Conditions to avoid: Moisture

Decomposition Products: None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD 50 of Ingredient (Specify Species)	LC50 of Ingredient (Specify Species)
No toxicity studies have been conducted on this product.				

SECTION 12 – ECOLOGICAL INFORMATION

Hazardous Ingredients	Aquatic Toxicity Data
No toxicity studies have been conducted on this product.	If released into the environment, see CERCLA/SUPERFUND in Section 15.
	High phosphate levels in surface water can cause eutrophication with subsequent algal blooms and oxygen depletion.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D. As a non-hazardous waste, it is not subject to federal regulation. Consult state or local regulation for any additional handling, treatment or disposal requirements. For disposal, contact a properly licensed waste treatment, storage, disposal or recycling facility.

Special Shipping Information: Not Regulated

SECTION 15 – REGULATORY INFORMATION

SECTION 16 – OTHER INFORMATION

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.