



# 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> 2/23/10
<u>Product Name</u> Micromet Crystals	<u>Product Number</u> 4243	<u>Product Use</u> Polyphosphate Glass scale inhibitor		<u>EPA Registration #</u> N/A

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous Ingredients</b>	<b>% By Wt.</b>	<b>CAS Number</b>	<b>TLV</b>	<b>PEL</b>
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:** In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

## 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

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

## SECTION 10 – STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Incompatibilities:** Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.

**Reactive Conditions to avoid:** Moisture

**Decomposition Products:** None known

## SECTION 11 – TOXICOLOGICAL INFORMATION

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

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Hazardous Ingredients</b>	<b>Aquatic Toxicity Data</b>
No toxicity studies have been conducted on this product.	If released into the environment, see CERCLA/SUPERFUND in Section 15.

## 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

Sodium Phosphate, Tribasic 7601-54-9

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.