MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Marykate® Moisture Absorber
Product Number(s): MK6912

Manufactured By: CRC Industries, Inc. (215) 674-4300
885 Louis Drive, Warminster, PA 18974
24-Hour Emergency Information: CHEMTREC (800) 424-9300

Section 2: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS NUMBER</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER LIMITS</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium chloride</td>
<td>10043-52-4</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>90-97</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>1-2</td>
</tr>
<tr>
<td>Potassium chloride</td>
<td>7447-40-7</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>2-3</td>
</tr>
<tr>
<td>Strontium chloride</td>
<td>10476-85-4</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>0-1</td>
</tr>
</tbody>
</table>

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: White to off-white solid pellets. Odorless.
Warning: Causes eye irritation.

Potential Health Effects:

Inhalation: Vapors are unlikely due to physical properties. Dust may cause irritation to upper respiratory tract.

Eyes: Pellets may cause slight eye irritation. Dusts may cause severe irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short, single exposure is not likely to cause significant skin irritation. May cause more severe response if confined to skin or skin is abraded. A single, prolonged exposure is not likely to result in material being absorbed through the skin in harmful amounts.

Ingestion: Ingestion can cause gastrointestinal irritation or ulceration. Single dose oral toxicity considered to be low.

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the nasal mucous membrane, resulting in ulcerations.

Medical Conditions Aggravated by Exposure: Unknown

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Contact physician if breathing becomes difficult or condition persists.
Eyes: Flush with large amounts of water for at least 15 minutes. Consult physician.
Skin: Wash area with plenty of water.
Ingestion: If ingested, call a physician immediately. Give plenty of water to drink. Do not induce vomiting unless directed by doctor.

Section 5: Fire-Fighting Measures

Flashpoint: None
Extinguishing Media: This material does not burn. If exposed to fire from another source, use suitable extinguishing agent for that fire.
Hazardous Combustion Products: May give off toxic fumes in a fire.
Fire-fighting Instructions: Keep people away. Isolate fire and deny unnecessary entry. Use positive pressure, self-contained breathing apparatus.

NFPA: Health: 1  Flammability: 0  Reactivity: 1
HMIS: Health: 1  Flammability: 0  Reactivity: 1  PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Isolate area. Area should be ventilated. Shovel up dry chemical and place in non-metal drum with a cover. Cautiously spray residue with plenty of water. All used and unused product should be disposed of in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Handling Procedures: Avoid contact with eyes and skin. Avoid breathing mist. Use good personal hygiene and housekeeping.
Storage Procedures: Store in a cool, well-ventilated area, out of direct sunlight. Keep containers tightly closed when not in use. Keep out of reach of children!

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide ventilation adequate to prevent accumulation of dust. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134. Dust mask may be used if below exposure limits.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs. Long sleeves and pants are recommended.

Section 9: Physical & Chemical Properties

Physical State: Solid
Appearance & Odor: White to off-white solid pellets. Odorless.
Specific Gravity: 2.2
Melting Point: 1425° F
Evaporation Rate: NA
Boiling Point: >1500° F
Vapor Pressure: <0.005 mmHg @ 20°C
Vapor Density (air = 1): NA
Product Name: Marykate® Moisture Absorber
Product Number(s): MK6912

pH: neutral or slightly alkaline
Solubility: Complete in water.

Volatile Organic Compounds %: NA
g/L: NA
lbs./gal: NA

Section 10: Stability and Reactivity

Stability: Stable, Hygroscopic
Chemical Incompatibilities: Methyl vinyl ether, zinc, bromine trifluoride, aluminum, brass, sulfuric acid, mixtures of lime and boric acid, barium chloride.
Conditions to Avoid: None known.
Hazardous Decomposition Products: Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Fumes of chloride are given off at temperatures above 284° F. Contact with sulfuric acid yields hydrogen chloride gas.

Section 11: Toxicological Information

Calcium chloride: LD50 (skin, rabbit): >5000 mg/kg
LD50 (oral, rat): 1000 mg/kg

Section 12: Ecological Information

Ecotoxicity: Material is practically non-toxic to aquatic organisms on an acute basis.
Aquatic toxicity rating TLm 96: over 1000 ppm
Environmental Fate: Biodegradation is not applicable.

Section 13: Disposal Considerations

Disposal: This material, if discarded, is not considered to be a hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

Section 14: Transportation Information

Shipping Name: Not regulated
Hazard Class: NA
UN Number: NA
Label: NA
Placard: NA
Special Provisions: NA

Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.
SARA Title III:
Section 311/312: Acute
Section 313*: None
CERCLA/Superfund (RQ): NA
 Extremely Hazardous Substances: No
 California Prop 65: No

* See section 2 for percentage
Section 16: Additional Information

Prepared By: Michelle Milburn  Date: July 2, 2003
Technical Information: (800) 521-3168  CRC #: MK6912

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS</td>
<td>Chemical Abstract Service</td>
</tr>
<tr>
<td>ppm</td>
<td>Parts per Million</td>
</tr>
<tr>
<td>TCC</td>
<td>Tag Closed Cup</td>
</tr>
<tr>
<td>LEL</td>
<td>Lower Explosive Limit</td>
</tr>
<tr>
<td>UEL</td>
<td>Upper Explosive Limit</td>
</tr>
<tr>
<td>PPE</td>
<td>Personal Protection Equipment</td>
</tr>
<tr>
<td>NA</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>ND</td>
<td>Not Determined</td>
</tr>
<tr>
<td>NE</td>
<td>Not Established</td>
</tr>
<tr>
<td>g/L</td>
<td>grams per Liter</td>
</tr>
<tr>
<td>lbs./gal</td>
<td>pounds per gallon</td>
</tr>
<tr>
<td>RQ</td>
<td>Reportable Quantity</td>
</tr>
</tbody>
</table>