MATERIAL SAFETY DATA SHEET: MB-215, C/M

Section I - General Information

Date of Issue: 11/8/2007 12:00:00 AM
Supercedes: 1/30/2007 12:00:00 AM
Chemical Name & Synonyms: N/A
Trade Name & Synonyms: MB-215, C/M
Chemical Family: Aqueous Isothiazoline Solution
Formula is a mixture: [√]
Manufacturer Name: CHECK-MARK DIV. OF DM RESOURCES, INC.
Manufacturer Address: 1310 E. NORTHGATE DRIVE
IRVING, TEXAS 75062
Prepared By: D HOLLAS/CHEMIST
Product Code Number: C668
Emergency Phone Number: 800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

<table>
<thead>
<tr>
<th>Chemical Name (Ingredients)</th>
<th>Hazard</th>
<th>TLV</th>
<th>PEL</th>
<th>STEL</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE</td>
<td>CORROSIVE</td>
<td>0.076 mg/m3</td>
<td>N/E 2</td>
<td>0.23 mg/m3</td>
<td>26172-55-4</td>
</tr>
<tr>
<td>2-METHYL-4-ISOTHIAZOLIN-3-ONE</td>
<td>CORROSIVE</td>
<td>1.5 mg/m3</td>
<td>N/E 2</td>
<td>4.5 mg/m3</td>
<td>2682-20-4</td>
</tr>
<tr>
<td>MAGNESIUM NITRATE</td>
<td>IRRITANT</td>
<td>N/E 1</td>
<td>N/E 2</td>
<td>N/E</td>
<td>10377-60-3</td>
</tr>
<tr>
<td>MAGNESIUM CHLORIDE</td>
<td>IRRITANT</td>
<td>N/E 1</td>
<td>N/E 2</td>
<td>N/E</td>
<td>7786-30-3</td>
</tr>
</tbody>
</table>

Section III - Physical Data

Boiling Point (°F): 212
Vapor Pressure (mm Hg): 17.05
Vapor Density (Air=1): 0.6
pH @ 100%: 2-4
% Volatile by Volume: 97.9
H₂O Solubility: Complete
Specific Gravity (H₂O=1): 1.02
Color: Amber
Odor: Pungent
Clarity: Transparent
Evaporation Rate (BuAc=1): 0.58
Viscosity: Non-viscous

Section IV - Fire and Explosion Hazard

Flash Point: N/A
Flammable Limits: Hydrogen gas
UEL: 75%
Aerosol Level (NFPA 30B): N/A

Extinguishing Media:

<table>
<thead>
<tr>
<th>Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>[√] Foam</td>
</tr>
<tr>
<td>[√] Alcohol Foam</td>
</tr>
<tr>
<td>[√] CO2</td>
</tr>
<tr>
<td>[ ] Dry Chemical</td>
</tr>
<tr>
<td>[√] Water Spray</td>
</tr>
</tbody>
</table>

NFPA 704 Hazard Rating:

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Extreme</td>
</tr>
<tr>
<td>3</td>
<td>High</td>
</tr>
<tr>
<td>2</td>
<td>Moderate</td>
</tr>
<tr>
<td>1</td>
<td>Slight</td>
</tr>
<tr>
<td>0</td>
<td>Insignificant</td>
</tr>
</tbody>
</table>

Health: 3
Flammability: 1
Instability: 0
Special:

Special Fire Fighting Procedures:
Firefighters should wear a self-contained breathing apparatus and full protective gear. Extinguishing media should be chosen based on the nature of the surrounding fire. Cool fire-exposed containers with water spray to prevent bursting.

Unusual Fire and Explosion Hazards:
Prolonged contact with reactive metals, such as aluminum, copper, brass, bronze, chromium, magnesium, tin, zinc, and alloys, can cause the growth of microorganisms.
formation of flammable Hydrogen Gas which can form an explosive mixture with air. The use of water spray (fog), while effective, may cause fothing and foaming. Never use a water jet as this will just spread the fire. Use care as spills may be slippery.

Section V - Health and Hazard Data

Threshold Limit Value:
Not Established for Mixture. See Section II.

Effects of Overexposure:

Acute: (Short Term Exposure)
EYE CONTACT: Corrosive. Causes burns, corneal damage, and possible blindness.
SKIN CONTACT: Corrosive. Causes burns and possible deep ulcerations or scarring. May cause allergic skin reactions seen as delayed skin rash which may be followed by blistering, scaling, and other skin effects. Product may be absorbed through the skin in harmful amounts.
INHALATION: Causes burns to the respiratory tract, nose, mouth, and throat with discomfort, nasal discharge, sneezing, coughing, rapid heartbeat, and chest pain. Inhalation of mist or vapors may cause chemical pneumonitis which can cause damage and may be fatal.
INGESTION: Corrosive. Causes burns to the mouth, throat, esophagus, and stomach with nausea and pain. Symptoms may include vomiting of blood. Blood loss through damaged tissue can lead to low blood pressure and shock, and may be fatal.

Chronic: (Long Term Exposure)
May cause skin sensitization in some individuals.
Medical conditions aggravated by exposure are pre-existing respiratory and skin conditions such as asthma, emphysema, and dermatitis.
TARGET ORGANS: Blood-Forming Organs. The primary routes of exposure are skin and eye contact.

- Primary Routes of Entry

| Inhalation | Ingestion | Absorption |

Emergency First Aid Procedures:

Inhalation:
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment.

Eye Contact:
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

Skin Contact:
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

Ingestion:
Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

Notes to Physician:
Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

Section VI - Toxicity Information

- Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

| IARC | NTP | OSHA | ACGIH | Other |

VOC Content: 0% by Weight; 0% by Volume; 0 g/L

PRODUCT MIXTURE
ORL-RAT (FEMALE) LD₅₀: 3,310 mg/kg 3.
ORL-RAT (MALE) LD₅₀: >5,000 mg/kg 3.
IHL-RAT LC₅₀: 0.33 mg/L/4 hr (active ingredient) 3.
SKN-RBT LD₅₀: >5,000 mg/kg 3.
SKN-RBT IRRITATION: Corrosive 3.
EYE-RBT IRRITATION: Corrosive 3.
SKN-GPG: Sensitizer 3.

5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE
ORL-RAT LD₅₀: 481 mg/kg 5.
IHL-RAT LC₅₀: 1.23 mg/L/4h 5.
SKN-RAT LD₅₀: >1,008 mg/kg 5.
Section VII - Reactivity Data

Stability

[ ] Stable [ ] Unstable

Conditions to Avoid:
Avoid heat, hot surfaces, sparks, and open flames.

Hazardous Polymerization

[ ] Will not occur [ ] May occur

Conditions to Avoid:
N/A

Incompatibility (Materials to Avoid):
Strong oxidizing agents such as Chlorine bleach and concentrated Hydrogen Peroxide; Reducing Agents such as Sodium Thiosulfate, Amines, and Mercaptans. Prolonged contact with reactive metals, such as Aluminum, Copper, Brass, Bronze, Chromium, Magnesium, Tin, Zinc, and alloys can cause the formation of flammable Hydrogen gas which can form an explosive mixture with air.

Hazardous Decomposition Products:
Oxides of Carbon, Nitrogen, and Sulfur; Hydrogen Chloride.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:
Wear appropriate protective clothing. Use care as spills may be slippery. Shut off source of leak. Dike and contain spill. Absorb with an inert material and transfer all material into a properly labeled container for disposal. Prevent product from contaminating soil or from entering sewage and drainage systems and bodies of water. Flush area with water. This product is toxic to aquatic life.

Waste Disposal Method(s):
Dispose of in accordance with all Federal, state, and local regulations. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency.

Neutralizing Agent:
Deactivate spill area with freshly prepared solution of 5% sodium bicarbonate and 5% sodium hypochlorite in water. Apply solution to the spill area at a ratio of 10 volumes deactivation solution per estimated volume of residual spill to deactivate any residual active ingredient. Let stand for 30 minutes before removal to an appropriate disposal site.

Section IX - Special Protection Information

Required Ventilation:
Local ventilation is recommended to control exposure from operations that can generate excessive levels of mists. Local ventilation is preferred, because it prevents dispersion into work areas by controlling it at its source.

Respiratory Protection:
Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). For concentrations above the TLV and/or PEL but less than 10 times these limits, a NIOSH approved half-facepiece respirator equipped with appropriate chemical cartridges may be used. For concentrations greater than 10 times the TLV and/or PEL, consult the NIOSH respirator decision logic found in publication No. 87-116 or ANSI Z88.2-1992.

Glove Protection:
Neoprene or nitrile rubber gloves should be worn. Ensure compliance with OSHA's personal protective equipment (PPE) standard for hand protection, 29 CFR 1910.138.

Eye Protection:
Chemical goggles and a face shield should be worn when handling. Ensure compliance with OSHA’s Personal Protective Equipment (PPE) standard for eye and face protection, 29 CFR 1910.133.

Other Protection:
Wear protective clothing when handling. A safety shower and an eyewash station should be available.

Section X - Storage and Handling Information
Precautions to be Taken in Handling and Storing:
Always store material in its original container. Keep container tightly closed when not in use. Do not store in unlined metal containers. Keep from freezing. If product freezes, allow it to slowly warm to room temperature and stir thoroughly before using. This product is corrosive to mild steel. Do not handle or store this material near food, feed, or drinking water.

Other Precautions:
Keep out of reach of children. Read the entire label before using the product. Follow the label directions.

Section XI - Regulatory Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Upper % Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium Nitrate</td>
<td>10377-60-3</td>
<td>5</td>
</tr>
</tbody>
</table>

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

2. OSHA PEL.
3. Vendor’s MSDS.
5. European Chemical Substances Information System (ESIS), International Uniform Chemical Information Database (IUCLID) Chemical Data Sheets.

All the components of this product are in compliance with the Toxic Substances Control Act (TSCA) and are either listed on the TSCA inventory or otherwise exempted from listing.


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