Hazardous Material Identification System-(HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>REACTIVITY</th>
<th>FLAMMABILITY</th>
<th>PERSONAL</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>-</td>
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</tbody>
</table>

Material Safety Data Sheet


I Trade Name: Vigoro Timed-Release All Purpose Plant Food 19-6-12

Product Type: Fertilizer  
Item Number: 52914

EPA Registration Number: N/A  
Manufacturer: Chemsico  
Div. of United Industries Corp.  
8494 Chapin Industrial Drive  
St. Louis, MO 63114

Emergency Telephone No.
For Chemical Emergency: 1-800-633-2873
For Information: 1-800-561-1333
Prepared by: Charlie Duckworth
Date Prepared: January 14, 2005

II Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Chemical</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
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</thead>
<tbody>
<tr>
<td>Inert</td>
<td></td>
<td></td>
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<tr>
<td>19-6-12 Fertilizer</td>
<td>100</td>
<td>NA</td>
<td>NA</td>
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</table>

(Derived from: Homogeneous polymer-coated: Ammonium nitrate, Ammonium phosphate, Potassium nitrate. Information regarding the contents and levels of metals in this product is available on the Internet at www.regulatory-info-db.com

Appearance: Granular
Boiling Point: NA
Melting Point: NA
Vapor Pressure: NA
Specific Gravity: (H2O=1) NA
Solubility in Water: NA
Evaporation Rate: NA
Bulk Density: 30-40 lbs/cu ft

IV Fire and Explosion Hazard Data

Flash Point: N/A - Will not burn
Flame Extension: N/A
Flammable Limits: N/A
Autoignition Temp.: N/A
Fire Extinguishing Media: Use proper media to extinguish surrounding fire
Decomposition Temp.: N/A
Special Fire-Fighting Procedures: Use self-contained air supply. Ammonium is toxic to aquatic organisms. Keep runoff from reaching any body of water

Unusual Fire and Explosion Hazards: Noxious fumes may form ammonia and oxides of nitrogen and carbon.

Stability: Stable
Polymerization: Will not occur
Conditions to Avoid: Fire conditions
Incompatible Materials: Corrosive to metals
Hazardous Decomposition or Byproducts: Urea may produce ammonia in a fire.
 Oxides of nitrogen, carbon and phosphorous are also possible.

VI Health Hazard Data

Summary of Risks: Possible nausea, vomiting, diarrhea - possible skin or eye irritation

FIRST AID PROCEDURES

Inhalation: Remove to fresh air. Treat symptomatically.
Skin Contact: Wash thoroughly.
Eye Contact: Flush with water for 15 minutes holding eyelids open. Get medical attention.

Special Notes: None

Health Conditions Aggravated by Exposure: Excessive inhalation of dust may cause irritation and coughing. Inhalation of dust may also aggravate asthma in susceptible individuals. Prolonged skin contact may cause mild skin irritation.

Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens: None

VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste Disposal: Remove to approved landfill.

Handling & Storage Precautions: Keep out of reach of children.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX Transportation Data

DOT - Not Regulated by DOT (limited quantity exception)
IMDG - Not Regulated by IMDG (limited quantity exception)
IATA - Not Regulated by IATA (limited quantity exception)

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