

Spectrum Group
 Div of United Industries Corp.
 P.O. Box 142642
 St. Louis, MO 63114-0642

Hazardous Material Identification System-(HMIS)

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| HEALTH - 1 | REACTIVITY - 0 |
| FLAMMABILITY - 0 | PERSONAL - |

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

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|---|---|--|---|
| I Trade Name: Vigoro Timed-Release All Purpose Plant Food 19-6-12 | | | |
| Product Type: Fertilizer | | Item Number: 52914 | |
| EPA Registration Number | | Manufacturer | |
| N/A | | 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 | | III Physical and Chemical Characteristics | |
| Chemical Inert 19-6-12 Fertilizer (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-sb.com) | % 100 NA | OSHA PEL NA | ACGIH TLV NA |
| IV Fire and Explosion Hazard Data | | V Reactivity Data | |
| Flash Point: Flame Extension: Flammable Limits: Autoignition Temp.: Fire Extinguishing Media: Decomposition Temp.: Special Fire-Fighting Procedures: Unusual Fire and Explosion Hazards: | N/A - Will not burn N/A N/A N/A Use proper media to extinguish surrounding fire N/A Use self-contained air supply. Ammonium is toxic to aquatic organisms. Keep runoff from reaching any body of water Noxious fumes may form ammonia and oxides of nitrogen and carbon. | Stability: Polymerization: Conditions to Avoid: Incompatible Materials: Hazardous Decomposition or Byproducts: | Granular NA NA NA (H ₂ O=1) NA NA NA 30-40 lbs/cu ft Stable Will not occur Fire conditions Corrosive to metals. Urea may produce ammonia in a fire. Oxides of nitrogen, carbon and phosphorous are also Possible. |
| VI Health Hazard Data | | VII Precautions for Safe Handling and Use | |
| Summary of Risks: FIRST AID PROCEDURES Inhalation: Skin Contact: Eye Contact: Special Notes: Health Conditions Aggravated by Exposure: Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens: | Possible nausea, vomiting, diarrhea – possible skin or eye irritation Remove to fresh air. Treat symptomatically. Wash thoroughly. Flush with water for 15 minutes holding eyelids open. Get medical attention. None 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. None | Steps to be Taken in Case Material is Released or Spilled: Waste Disposal: Handling & Storage Precautions: | Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling. Remove to approved landfill. Keep out of reach of children. |
| VIII Control Measures | | IX Transportation Data | |
| Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health. | | 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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