

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

Material Safety Data Sheet

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

Hazardous Material Identification System-(HMIS)

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

I Trade Name: Vigoro Root Stimulator & Transplanting Solution 2-5-2

Product Type: LiquidFertilizer

Item Number: 52112/51108

EPA Registration Number

Manufacturer

Emergency Telephone No.

N/A

Chemsico
 Div. of United Industries Corp.
 8494 Chapin Industrial Drive
 St. Louis, MO 63114

For Chemical Emergency: 1-800-633-2873
For Information: 1-800-561-1333
Prepared by: Charlie Duckworth
Date Prepared: January 20, 2005

II Hazardous Ingredients/Identity Information

III Physical and Chemical Characteristics

| Chemical | % | OSHA PEL | ACGIH TLV |
|------------------|-----|----------|-----------|
| Inert | | | |
| 2-5-2 Fertilizer | 100 | NA | NA |

(Derived from: Urea, Ammonium phosphate, Potassium nitrate, Iron EDTA, Manganese EDTA, Zinc EDTA, Vitamin B1.
 Information regarding the contents and levels of metals in this product is available on the Internet at www.regulatory-info-sb.com

Appearance: Clear blue to green liquid
Boiling Point: >200F
Melting Point: NA
Vapor Pressure: NA
Specific Gravity: (H₂O=1) 1.1
Solubility in Water: 100%
Evaporation Rate: less than water

IV Fire and Explosion Hazard Data

V Reactivity 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

VII Precautions for Safe Handling and Use

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: Prolonged skin contact may cause mild skin irritation.
Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens: None

Steps to be Taken in Case Material is Released or Spilled: Soak 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

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)

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.