Material Safety Data Sheet

I. Trade Name: Spectracide® Systemic Tree & Shrub Insect Control + Fertilizer Concentrate

Product Type: Insecticide/Fertilizer Concentrate
Product Item Number: HG-56425
Formula Code Number: 21-0926

EPA Registration Number: HG-56425
Manufacturer: Chemsico
Address: Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

Emergency Telephone Numbers
For Chemical Emergency: 1-800-633-2873
For Information: 1-800-917-5438
Prepared by: C. A. Duckworth
Date Prepared: November 15, 2006

II. Hazards Ingredient/Identity Information

Chemical                      %     OSHA PEL   ACGIH TLV
Dinotefuran                  0.43   NE         NE

Appearance & Odor: Water-thin, translucent yellow liquid with a slight urea odor.
Boiling Point: 220° F
Melting Point: NA
pH: 7.0-7.5
Specific Gravity: 1.25 (H₂O = 1)
Vapor Density: Greater than 1 (Air = 1)
% Volatile (by vol.): 60%
Solubility in Water: >99%
Evaporation Rate: Less than 1 (Butyl Acetate = 1)

III. Physical and Chemical Characteristics

IV. Fire and Explosive Hazards Data

Flash Point: >200°F
Flammable Limits: NA
Autoignition Temperature: NA
Fire Extinguishing Media: Water fog, Carbon dioxide, Dry chemical
Decomposition Temperature: NA
Special Fire-Fighting Procedures: Use procedures for elimination of original fire source.
Unusual Fire & Explosion Hazards: None. Also see Section V.

V. Reactivity Data

Stability: Stable
Polymerization: Will not occur
Conditions to Avoid: None
Incompatible Materials: NA
Hazardous Decomposition or Byproducts: NA

VI. Health Hazard Data

Eye Contact: Causes moderate eye irritation.
First Aid: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, and continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

Special Notes: Have the product label with you when calling a Poison Control Center or doctor.
Health conditions Aggravated by Exposure: None known
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:
- Avoid contact with liquid. Soak up with absorbent material.
- Place empty container in trash or recycle if available. If partially empty, call 1-800-CLEANUP for disposal instructions. Never place unused product down and indoor or outdoor drain.

Waste Disposal:
- Store in a cool, dry area away from heat or open flame.

Handling & Storage Precautions:
- Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

VIII. Control Measures

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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