

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

**Hazardous Material Identification System – (HMIS)**

HEALTH – 2 REACTIVITY – 0

FLAMMABILITY – 0 PERSONAL –

# Material Safety Data Sheet

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |
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| <b>I Trade Name:</b> Spectracide Weed & Grass Killer Concentrate <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |
| <b>Product Type:</b> Liquid Concentrate Herbicide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |
| <b>Product Item Number:</b> HG-95777, HG-66001-8, HG-56201-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          | <b>Formula Code Number:</b> 21-1008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |
| <b>EPA Registration Number</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          | <b>Manufacturer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |
| 9688-265-8845                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | Chemsico<br>Division of United Industries Corporation<br>8494 Chapin Industrial Drive<br>St. Louis, MO 63114                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          | <b>Emergency Telephone Numbers</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          | For Chemical Emergency: 1-800-633-2873<br>For Information: 1-800-917-5438<br>Prepared by: C.A. Duckworth<br>Date Prepared: AUG 8, 2008                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |
| <b>II Hazards Ingredient/Identity Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | <b>III Physical and Chemical Characteristics</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |
| <b>Chemical</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>%</b> | <b>OSHA PEL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>ACGIH TLV</b>      |
| Diquat Dibromide<br>CAS # 85-00-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.3      | NE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.5 mg/m <sup>3</sup> |
| Fluazifop-p-butyl<br>CAS #85-00-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.150    | NE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.2 mg/m <sup>3</sup> |
| Dicamba, Dimethylamine<br>Salt, CAS #2300-66-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.71     | NE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NE                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          | <b>Appearance &amp; Odor:</b> Amber colored solution. Mild Odor<br><b>Boiling Point:</b> N/A<br><b>Melting Point:</b> NA<br><b>PH</b> 5-6<br><br><b>Vapor Pressure:</b> NA<br><b>Specific Gravity:</b> 1.05 (H <sub>2</sub> O=1)<br><b>Vapor Density:</b> greater than 1 (Air=1)<br><b>% Volatile (by vol.):</b> greater than 95%<br><b>Solubility in Water:</b> Miscible<br><b>Evaporation Rate:</b> Less than 1 (Butyl Acetate=1)                                                                                                                                              |                       |
| <b>IV Fire and Explosive Hazards Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | <b>V Reactivity Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |
| <b>Flash Point:</b> >200 F (TCC)<br><b>Flame Extension:</b> NA<br><b>Flammable Limits:</b> NA<br><b>Autoignition Temperature:</b> NA<br><b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical<br><b>Decomposition Temperature:</b> NA<br><b>Special Fire-Fighting Procedures:</b> Use procedures for elimination of original source of fire.<br><b>Unusual Fire &amp; Explosion Hazards:</b> Vapors are heavier than air.                                                                                                                                                                                                                                                                                            |          | <b>Stability:</b> Stable<br><b>Polymerization:</b> Will not occur<br><b>Conditions to Avoid:</b> None<br><b>Incompatible Materials:</b> N/A<br><b>Hazardous Decomposition or Byproducts:</b> N/A                                                                                                                                                                                                                                                                                                                                                                                 |                       |
| <b>VI Health Hazard Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          | <b>VII Precautions for Safe Handling and Use</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |
| <b>Eye Contact:</b> Causes moderate eye irritation. <b>First Aid:</b> 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 eye. Call for treatment advice.<br><b>Skin Contact:</b> Causes skin irritation. <b>First Aid:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.<br><b>Special Notes:</b> Have product container with you when calling.<br><b>Health conditions Aggravated by Exposure:</b> Skin disorders<br><b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None |          | <b>Steps to be Taken in Case Material is Released or Spilled:</b><br>Avoid breathing vapors. Avoid skin contact with liquid. Soak up with absorbent material.<br><b>Waste Disposal:</b><br>If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions. Never pour unused product down any indoor or outdoor drain.<br><b>Handling &amp; Storage Precautions:</b><br>Do not contaminate water, food or feed by storage or disposal. Store in original container |                       |
| <b>VIII Control Measures</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          | <b>IX Transportation Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |
| Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          | <b>DOT:</b> Not Regulated by DOT (limited quantity exception)<br><b>IMDG:</b> Not Regulated by IMDG (limited quantity exception)<br><b>IATA:</b> 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.