

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

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

HEALTH – 2

REACTIVITY – 0

FLAMMABILITY – 2

PERSONAL – Rubber gloves, face mask or goggles

# Material Safety Data Sheet

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

<b>I Trade Name:</b> Spectracide Brush Killer Concentrate			
<b>Product Type:</b> Liquid dilutable herbicide concentrate			
<b>Product Item Number:</b> 56400		<b>Formula Code Number:</b>	
<b>EPA Registration Number</b>	<b>Manufacturer</b>	<b>Emergency Telephone Numbers</b>	
9688-138-8845	Spectrum Group Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	<b>For Chemical Emergency:</b> 1-800-633-2873 <b>For Information:</b> 1-800-561-1333 <b>Prepared by:</b> C. A. Duckworth <b>Date Prepared:</b> September 8, 1999	
<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>
Isooctyl ester of 2,4,-D acid CAS# 1908-43-4	9.74	NA	NA
Isooctyl ester of 2-(2,4-dichlorophenoxy) propionic acid CAS# 28631-35-8	9.55	NA	NA
Dicambo CAS# 1918-00-9	1.65	NA	NA
Naphthalene CAS# 91-20-3	0.70	10 ppm	10 ppm
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b> 150°F <b>Flame Extension:</b> NA <b>Flammable Limits:</b> NA <b>Autoignition Temperature:</b> NA <b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical <b>Decomposition Temperature:</b> NA <b>Special Fire-Fighting Procedures:</b> Use procedures for elimination of original fire source. Use self-contained breathing apparatus in enclosed areas. Avoid skin contact. Dike area to prevent water run-off. <b>Unusual Fire &amp; Explosion Hazards:</b> Vapors and fumes may be hazardous. Also see Section V.		<b>Stability:</b> Stable <b>Polymerization:</b> Will not occur <b>Conditions to Avoid:</b> None <b>Incompatible Materials:</b> Acids, Bases, oxidizer <b>Hazardous Decomposition or Byproducts:</b> HCl, nitrogen oxide, carbon monoxide	
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Ingestion:</b> Harmful if Swallowed. <b>First Aid:</b> Call a Poison Control Center immediately. Promptly drink a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Do not induce vomiting and avoid alcohol. Get medical attention. <b>Skin Contact:</b> Causes skin irritation, harmful if absorbed through skin. <b>First Aid:</b> Wash contaminated clothing and wash affected areas with plenty of soap and water. Get medical attention if irritation persists. <b>Eye Contact:</b> Causes substantial, but temporary eye irritation. <b>First Aid:</b> Flush eyes with water for 15 minutes. Get medical attention. <b>Inhalation Toxicity:</b> Avoid breathing vapor and spray mist. <b>First Aid:</b> Remove victim to fresh air. Apply artificial respiration if indicated <b>Health conditions Aggravated by Exposure:</b> None known Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapors. Avoid contact with liquid. Soak up with absorbent material. Wash area with water. <b>Waste Disposal:</b> Give to qualified waste disposal service. <b>Handling &amp; Storage Precautions:</b> Do not store where temperatures can exceed 54 °C/130°F	
<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 Shipping Name:</b> Liquid Herbicide Concentrate <b>DOT Hazard Class:</b> Class III – A Liquid	

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