

Chemsico
 Division of United Industries
 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 - Rubber gloves, goggles

I Trade Name: Ace Spot Weed Killer ₂																							
Product Type: Ready-to-use liquid herbicide																							
Product Item Number: 73682		Formula Code Number: 21-0704																					
EPA Registration Number	Manufacturer	Emergency Telephone Numbers																					
9688-109	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	For Chemical Emergency: 1-800-633-2873 For Information: 1-800-332-5553 Prepared by: C. A. Duckworth Date Prepared: July 16, 2002																					
II Hazards Ingredient/Identity Information		III Physical and Chemical Characteristics																					
<table border="1"> <thead> <tr> <th>Chemical</th> <th>%</th> <th>OSHA PEL</th> <th>ACGIH TLV</th> </tr> </thead> <tbody> <tr> <td>2,4-dichlorophenoxyacetic acid CAS# 94-75-7</td> <td>0.493</td> <td>NA</td> <td>10 mg/m³</td> </tr> <tr> <td>2-(2-methy-4-chlorophenoxxy propionic acid CAS# 93-65-2</td> <td>0.118</td> <td>NA</td> <td>NE</td> </tr> <tr> <td>3,6-dichloro-o-anisic acid CAS# 1918-00-9</td> <td>0.055</td> <td>NA</td> <td>NE</td> </tr> <tr> <td>Dimethylamine CAS# 124-40-3</td> <td>0.161</td> <td>NE</td> <td>10 ppm</td> </tr> </tbody> </table>	Chemical	%	OSHA PEL	ACGIH TLV	2,4-dichlorophenoxyacetic acid CAS# 94-75-7	0.493	NA	10 mg/m ³	2-(2-methy-4-chlorophenoxxy propionic acid CAS# 93-65-2	0.118	NA	NE	3,6-dichloro-o-anisic acid CAS# 1918-00-9	0.055	NA	NE	Dimethylamine CAS# 124-40-3	0.161	NE	10 ppm	Appearance & Odor: Clear, light yellow, water-thin solution with a mild phenolic odor. Boiling Point: 215° F Melting Point: NA Vapor Pressure: NA Specific Gravity: 1.0 (H ₂ O = 1) Vapor Density: Greater than 1 (Air = 1) % Volatile (by vol.): 99% Solubility in Water: 100% Evaporation Rate: Less than 1 (Butyl Acetate = 1)		
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IV Fire and Explosive Hazards Data		V Reactivity Data																					
Flash Point: NA - Will not burn 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 source of fire. Unusual Fire & Explosion Hazards: None. Also see Section V.		Stability: Stable Polymerization: Will not occur Conditions to Avoid: None Incompatible Materials: NA Hazardous Decomposition or Byproducts: NA																					
VI Health Hazard Data		VII Precautions for Safe Handling and Use																					
Ingestion (Swallowing): Harmful if swallowed. First Aid: Call a doctor or Poison Control Center immediately. Drink a glass of water if able to swallow. Do not induce vomiting unless told to do so by a doctor or Poison Control Center. Do not give anything by mouth to an unconscious person. Skin Contact: Harmful if absorbed through skin. First Aid: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice. Eye Contact: Causes moderate eye irritation. First Aid: Flush eyes with water for 15-20 minutes. Call a doctor or Poison Control Center for treatment advice. Health conditions Aggravated by Exposure: None known Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None		Steps to be Taken in Case Material is Released or Spilled: Avoid contact with liquid. Soak up with absorbent material. Waste Disposal: If empty: Do not reuse container. Place in trash or offer for recycling. If partly filled: Call local waste agency or 1-800-CLEANUP. Never place unused product down any indoor or outdoor drain. Handling & Storage Precautions: Store away from children or pets in cool dry area. Do not allow product to freeze.																					
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 Shipping Name: Ready-to-Use Herbicide Liquid DOT Hazard Class: None																					

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.