Spectrum Group
Division of United Industries
P. O. Box 15842
St. Louis, MO 63114

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: Spectracide® Brush Killer RTU

Product Type: Ready-to-use liquid herbicide

Product Item Number: 53710 | **Formula Code Number:** 21-0272

EPA Registration Number	Manufacturer	Emergency Telephone Numbers
9688-109-8845	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:** September 7, 1999

II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
2,4-dichlorophenoxyacetic acid CAS# 94-75-7	0.493	NA	10 mg/m³
2-(2-methyl-4-chlorophenoxy) propionic acid CAS# 93-65-2	0.237	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

III Physical and Chemical Characteristics

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_2O = 1)
Vapor Density	Greater than 1 (Air = 1)
% Volatile (by vol.)	99%
Solubility in Water	100%
Evaporation Rate.	Less than 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards 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

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

Ingestion (Swallowing): Harmful if swallowed. ***First Aid:*** Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Never induce vomiting or give anything by mouth to an unconscious person.
Skin Contact: Harmful if absorbed through skin. ***First Aid:*** Wash with plenty of soap and water. Get medical attention.
Eye Contact: Causes eye irritation. ***First Aid:*** Flush eyes with plenty of water. Call a physician if irritation persists.
Inhalation Toxicity: Avoid breathing vapors. ***First Aid:*** Remove to fresh air.
Special Notes: None
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.
Waste Disposal
Give to a qualified waste disposal service.
Handling & Storage Precautions:
Do not store where temperatures can exceed 54° C/130° F.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX Transportation Data

DOT Shipping Name: Consumer Commodity
DOT Hazard Class: Not DOT regulated in available package

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.