

MATERIAL SAFETY DATA SHEET

WEED WHACKER

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Issue Date: 01/00

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

WEED WHACKER

EPA Reg. No. 228-181-54705

Common Name: Liquid herbicide.

Chemical Description: Aqueous solution of 2,4-D, 2,4-DP and MCPP.

TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

Lawn & Garden Products, Inc.

P. O. Box 35000

Fresno, CA 93745-5000

Emergency Phone Numbers

Emergency Telephone: DAYS: (559) 499-2100 EVES.: (559) 435-2163

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
2,4-Dichlorophenoxyacetic Acid	*N.A.	3.8	N.A.	*N.P.
2-(2,4-Dichlorophenoxy)Propionic Acid	N.A.	3.8	N.A.	N.P.
2-(2-Methyl-4-Chlorophenoxy)Propionic Acid	N.A.	3.8	N.A.	N.P.

* N.A. - Not Available.

* N.P. - Not Pertinent.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Amber liquid with amine odor. May cause eye injury. Moderate to low oral toxicity. Noxious fumes may occur when exposed to extreme fire conditions. Stay upwind of smoke. Contain any liquid runoff. Not D.O.T. regulated.

HEALTH: 1

REACTIVITY: 0

FLAMMABILITY: 0

ENVIRONMENT: 1

(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

SECTION 4. FIRST AID

Eyes: Flush with plenty of water. Get medical attention if irritation persists.

Skin: Wash thoroughly with soap and water. Get medical attention if irritation persists.

Ingestion: Promptly drink milk, egg whites, gelatin solution or large quantities of water. Do not induce vomiting or give anything by mouth to an unconscious person. Contact a physician or Poison Control Center.

Inhalation: Remove victim to fresh air. Apply artificial respiration, preferably by mouth-to-mouth, if indicated. If breathing becomes difficult, call a physician.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	None — aqueous solution.
Test Method:	Not pertinent.
LEL Flammable Limits:	Not pertinent.
UEL Flammable Limits:	Not pertinent.
Autoignition Temperature:	Not pertinent.
Flammability Classification:	Noncombustible.
Known Hazardous Products of Combustion:	Not known.
Properties that Initiate/Contribute to Intensity of Fire:	None.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	None known.
Potential For Release of Flammable Vapors:	None.
Unusual Fire & Explosion Hazards:	Not known.
Extinguishing Media:	Dry chemical, CO ₂ or foam. Water will dilute and spread product.
Special Firefighting Procedures:	Stay upwind of smoke. Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff.

SECTION 6.	SPILLS AND LEAKS
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Containment:	This product is toxic to fish, birds, wildlife and plants. Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal according to local, state and federal regulations.
Evacuation:	Not necessary.

SECTION 7.	STORAGE AND HANDLING
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Storage:	Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Do not contaminate water, food, feeds, seeds, fertilizers, insecticides or fungicides. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Causes eye irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and domestic animals off treated areas until washed into the soil. Avoid contamination of feed or food products.

SECTION 8.	PERSONAL PROTECTIVE EQUIPMENT
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Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Long pants, long-sleeved shirt, impermeable gloves and shoes.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Amber liquid.
Odor:	Amine odor.
pH:	Not available.
Vapor Pressure:	Not available.
Vapor Density (Air = 1):	Not available.
Boiling Point:	210°F
Freezing Point:	Not available.
Water Solubility:	Soluble.
Density:	8.67 lbs./gal.
Evaporation Rate:	Not available.
Viscosity:	Not available.
% Volatile:	Not available.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid:	None.
Incompatibility:	None.
Hazardous Decomposition Products:	Noxious fumes when exposed to extreme fire conditions.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	Irritant. May cause severe irritation with corneal injury.
Skin:	Mild irritant, especially from prolonged exposure.
Ingestion:	Moderate to low oral toxicity.
Inhalation:	May cause slight irritation from prolonged exposure.

Subchronic Effects: None known.Chronic Effects: None known.**SECTION 12. ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Toxic.
Toxicity to Plants:	Toxic.
Toxicity in Birds:	Toxic.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14. TRANSPORTATION

D.O.T. Shipping Description:	Not D.O.T. Regulated.
Other Shipping Description:	Compounds, Tree or Weed Killing (Herbicide), Liquid. NMFC Item 50320, LTL Class 60

SECTION 15. REGULATORY INFORMATION

CERCLA: 2,4-D salts are listed as a priority pollutant under the Clean Water Act and, as such, fall under the CERCLA spill reporting requirements of 40 CFR 302.

SARA TITLE III, Section 313 Toxic Chemicals: 2,4-D Salts (3.8%).

Proposition 65: None.

SECTION 16. OTHER

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.