

MATERIAL SAFETY DATA SHEET

WEED WHACKER JET SPRAY

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Issue Date: 02/00

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

WEED WHACKER JET SPRAY

EPA Reg. No. 228-190-54705

Common Name: Liquid herbicide in aerosol form.

Chemical Description: 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	2008-39-1	0.326	10 mg/m ³	*N.P.
2-(2,4-Dichlorophenoxy)propionic acid	53404-32-3	0.324	*N.A.	N.P.
2-(2-Methyl-4-Chlorophenoxy)propionic acid	332351-70-5	0.328	N.A.	N.P.

* N.A. - Not Available.

* N.P. - Not Pertinent.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Amber liquid with amine odor. May cause slight eye and skin irritation. 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: 1

ENVIRONMENT: 1

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

SECTION 4. FIRST AID

Eyes: Hold eyelids open and flush entire eye with a steady, gentle stream of water for 15 minutes. Get medical attention.

Skin: Wash promptly with soap and water. If irritation develops, get medical attention.

Ingestion: Call a physician or Poison Control Center. Drink 1 – 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. Apply artificial respiration, preferably by mouth-to-mouth, if indicated.

Note to Physician: Treat symptomatically.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	Not available.
Test Method:	None — aqueous solution.
LEL Flammable Limits:	Not pertinent.
UEL Flammable Limits:	Not pertinent.
Autoignition Temperature:	Not pertinent.
Flammability Classification:	Not known.
Known Hazardous Products of Combustion:	May include, but are not limited to: hydrogen chloride and nitrogen oxides.
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:	None known.
Extinguishing Media:	Dry chemical, carbon dioxide or foam. Use water spray to cool closed containers.
Special Firefighting Procedures:	May produce toxic and noxious fumes under extreme fire conditions. Use positive pressure self-contained breathing apparatus and acid resistant protective clothing. Any water used to extinguish the fire should be contained by diking to prevent contamination of the public water system.

SECTION 6.	SPILLS AND LEAKS
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Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto inert absorbent material such as clay granules or wood shavings and package for disposal.
Evacuation:	Not necessary.

SECTION 7.	STORAGE AND HANDLING
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Storage:	Keep from freezing. Store in original container and place in an area inaccessible to children. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Not necessary.
Work/Hygienic Practices:	Wash non-disposable gloves thoroughly with soap and water before removing. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

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, socks 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:	Aerosol product — amber liquid.
Odor:	Amine odor.
pH:	7.5 – 8.5
Vapor Pressure:	Equal to water.
Vapor Density (Air = 1):	Not available.
Boiling Point:	210°F
Freezing Point:	32°F
Water Solubility:	100% in water.
Density:	8.37 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:	Avoid heat conditions.
Incompatibility:	Strong oxidizers or acids.
Hazardous Decomposition Products:	None.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	Direct or prolonged eye exposure may cause moderate, yet temporary, eye irritation.
Skin:	May cause mild skin irritation or dermal sensitization reactions in some individuals. Harmful if absorbed through skin. Prolonged or repeated overexposure may result in effects similar to those caused by ingestion. Acute Dermal LD ₅₀ (Rabbits) : > 2.0g/kg.
Ingestion:	Low oral toxicity. May cause muscle weakness, nausea, vomiting, abdominal pain, fall in blood pressure or myotonia (prolonged muscular spasm), if ingested in large quantities. Acute Oral LD ₅₀ (Rats): 5.0g/kg.
Inhalation:	Avoid inhaling vapors of mist. May irritate the respiratory tract or cause dizziness. Acute Inhalation LC ₅₀ (Rabbits): > 4.0 mg/l.

Subchronic Effects: None known.

Chronic Effects: Repeated or prolonged overexposure to phenoxy herbicides may cause livery, kidney, gastrointestinal or muscular system effects. The EPA's Science Advisory Panel has given 2,4-D a class D classification (not classifiable as to human carcinogenicity). Various epidemiological studies have yielded conflicting results with the majority being negative. The current scientific consensus is that there is no proven casual association between 2,4-D and cancer. Recent studies have not shown 2,4-D to be a mutagen or teratogen. Other chronic effects of 2,4-DP and MCPP have not been determined.

SECTION 12. ECOLOGICAL INFORMATION

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

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: None.

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.