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## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Lawn WeedOut™ (Concentrate)

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 28081

**Code:** 7 21901 0

**Chemical Name:** 2,4-D: 2,4-Dichlorophenoxyacetic acid, amine salt

7 21902 0

Mecoprop-P: (+)-(R)-2-(4-chloro-2-methylphenoxy) propanoic acid, amine salt

7 21903 0

Dicamba: 2-Methoxy-3,6-dichlorobenzoic acid, amine salt

**Synonyms:** Mecoprop-P: MCPP-P, CMPP-P

**Chemical Family:** Phenoxy Herbicide

**Product Use:** Domestic Herbicide

**TDG Classification:** Not Regulated

### SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
2,4-D Amine	8.90	94-75-7	Oral,rat 375 Dermal,rabbit 1400	10 mg/m3 (acid)
Mecoprop-P	4.68	93-65-2	Oral,rat 1166 Dermal,rabbit >4000	-
Dicamba	0.84	1918-00-9	Oral,rat 2629 Dermal,rabbit 2000	-
Calculated LD50 for mixture			3565	

### SECTION 3 - PHYSICAL DATA

**Physical State:** Liquid

**Specific Gravity:**

**Boiling Point:** 101 °C

**Vapour Pressure:** No Data

**% Volatiles:** None

**Solubility in Water:** Soluble

**Appearance\Odour:** Clear light brown solution,  
phenolic odour.

**pH:** 8.5

**Freezing/Melting Point:** Approx. 0 °C

**Vapour Density:** No Data

**Evaporation Rate:** No Data

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** Not Applicable

**Lower Explosion Limit %:** Not Applicable

**Fire Extinguishing Media:** Foam, Dry Chemical, Carbon Dioxide, Water Fog

**Fire Fighting Procedures:** Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off.

**Other Fire or Explosion Hazards:** Noxious fumes and hydrogen chloride maybe produced under fire conditions.

**Autoignition Temperature:** Not Applicable

**Upper Explosion Limit %:** Not Applicable

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** Elevated temperatures.

**Incompatibility (Materials to Avoid):** Strong oxidizers and acids.

**Hazardous Decomposition Products:** Hydrogen chloride and oxides of nitrogen and carbon

## SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** May cause nausea, vomiting, diarrhea. General tenseness and muscular weakness.

**Effects of Chronic Exposure:** Excessive exposure may cause liver and kidney damage.

**Other Health Effects:** Contact with eyes may cause severe irritation with corneal injury

## SECTION 7 - FIRST AID PROCEDURES

**Inhalation:** Move victim to fresh air and restore breathing if required. Obtain medical advice if symptoms persist.

**Skin Contact:** Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

**Ingestion:** Give 1 to 2 glasses of water (200 to 500 mL) to dilute material. Do not induce vomiting. OBTAIN MEDICAL ADVICE.

**Eye Contact:** Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

## SECTION 8 - PREVENTIVE MEASURES

**Respiratory Protection:** NIOSH/MSHA approved respirator, if required.

**Eye Protection:** Chemical goggles.

**Skin Protection:** Chemical resistant gloves

**Other Personal Protective Equipment:** Coveralls

**Engineering Controls:** Local exhausted or ventilation.

**Handling Procedures and Equipment:** Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use.

**Storage Requirements:** Store in cool, dry, ventilated area. Keep out of reach of children and pets.

**Storage Temperature:** Min: 5 °C Max: 40 °C

## SECTION 9 - ENVIRONMENTAL PROTECTION DATA

**Spill and Leak Procedures:** Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

**Waste Disposal:** Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

**Environmental Effects:** Do not contaminate local water supplies or environments.

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**Prepared by:** Technical Department

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