MSDS7965

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product
SPURGE POWER
EPA Reg. No. 228-317-54705
Common Name: Liquid herbicide.
Chemical Description: Ester formulation of MCPA, Triclopyr and Dicamba.
TSCA/CAS No.: This product is a mixture — there is no specific CAS No.

Manufactured For:
Lawn and 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)
Isooctyl (2-ethylhexyl) Ester of 2-Methyl-4-Chlorophenoxyacetic Acid	26544-20-7	56.14	*N.A.	*N.P.
Butoxyethanol Ester of 3,5,6-Tricloro-2-Pyridinyloxyacetic Acid	057213-69-1	5.00	N.A.	N.P.
Dicamba (3,6-Dichloro-o-Anisic Acid	1918-00-9	3.60	N.A.	N.P
Petroleum Distillates and Emulsifiers		35.26	N.A.	N.P.

* N.A. - Not Available.
* N.P. - Not Pertinent.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Amber liquid with aromatic odor. Harmful if swallowed or absorbed through skin. If swallowed, do not induce vomiting. Get medical attention. Causes moderate eye irritation. Avoid contact with strong oxidizer. Noxious fumes will be produced under intense fire conditions. Not D.O.T. regulated.

HEALTH: 2 REACTIVITY: 1 FLAMMABILITY: 2 ENVIRONMENT: 1
(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

SECTION 4. FIRST AID

Eyes: Immediately flush eyes with plenty of water. Call a physician if irritation persists.

Skin: Wash thoroughly with plenty of soap and water. Get medical attention.

Ingestion: Call a physician or Poison Control Center. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. If vomiting occurs spontaneously, keep airway clean. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air.

NOTE TO PHYSICIAN: This product contains petroleum distillates. If large amounts have been ingested, empty the stomach by gastric intubation with the aid of a cuffed endotracheal tube to prevent aspiration and possible chemical pneumonitis.

SECTION 5. FIRE AND EXPLOSION HAZARDS

Flash Point:	>165°F.
Test Method:	Tag Closed Cup.
LEL Flammable Limits:	Not available.
UEL Flammable Limits:	Not available.
Autoignition Temperature:	Not determined.
Flammability Classification:	Combustible.
Known Hazardous Products of Combustion:	None.
Properties that Initiate/Contribute to Intensity of Fire:	None.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	None.
Unusual Fire & Explosion Hazards:	Noxious fumes may occur under extreme fire conditions.
Extinguishing Media:	Foam, CO_2, dry chemical, water.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6. SPILLS AND LEAKS

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7. STORAGE AND HANDLING

Storage:	Store in original container in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides, or fungicides. Store in original container in a cool, well-ventilated, dry place at temperatures above 40°F. Keep container tightly sealed when not in use. Do not stack cardboard containers more than two pallets high. Do not contaminate water, food or feed by storage or disposal.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Wash all exposed clothing prior to reuse.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

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 sleeved shirt, long pants, socks and shoes are recommended.
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:	Aromatic (solvent) odor.
pH:	Not available.
Vapor Pressure:	Not determined.
Vapor Density (Air = 1):	Not determined.
Boiling Point:	Not determined.
Freezing Point:	Not determined.
Water Solubility:	100% emulsifiable in water.
Density:	8.31 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 determined.
Incompatibility:	Strong oxidizers or acids.
Hazardous Decomposition Products:	Noxious fumes with under extreme fire conditions.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTS

Acute Effects:

Eyes:	May cause transient eye irritation.
Skin:	May cause skin irritation. Harmful if absorbed through the skin. Prolonged or repeated dermal exposure may cause effects similar to those caused by ingestion. LD_{50} 3.969 g/kg (male rabbits; 3.535 g/kg (female rabbits).
Ingestion:	Moderate to low oral toxicity. May cause muscle weakness, nausea, diarrhea, abdominal pain, fall in blood pressure or convulsions under extreme exposure conditions. Can be fatal. LD_{50} 1.231 g/kg (male rats); 1.0 g/kg (female rats)
Inhalation:	This product contains petroleum distillates. Excessive inhalation may cause respiratory irritation, dizziness, weakness, nausea, headache, or possible unconsciousness. $LC_{50} > 3.59$ mg/l, the maximum concentration (rabbits).
Subchronic Effects:	None known.
Chronic Effects:	None known.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	May be toxic.
Toxicity to Plants:	Not known.
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 in accordance with 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.

SECTION 14. TRANSPORTATION

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

SECTION 15. REGULATORY INFORMATION

CERCLA: Dicamba is listed as a priority pollutant under the Clean Water Act and, as such, falls under the CERCLA spill reporting requirements of 40 CFR 302.

SARA TITLE III, Section 313 Toxic Chemicals: Dicamba (3.6%), Triclopyr triethylammonium salt (5%)

PROPOSITION 65 (CA): 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.