

# MATERIAL SAFETY DATA SHEET

SPOT - TVC

Page 1 of 4

Issue Date: 04/01

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Chemical Product

SPOT - TVC

EPA Reg. No. 66222-27-54705

Common Name: Liquid triazine herbicide.

Chemical Description: Liquid 3.75% Prometon.

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)
Prometon	1610-18-0	3.75	*N.A.	*N.P.
Petroleum solvent	N.A.	N.A.	N.A.	N.P.
Xylene	1330-20-7	N.A.	100 ppm	100
O-Xylene	95-47-6	N.A.	100 ppm	1,000
Ethyl Benzene	100-41-4	N.A.	100 ppm	1,000
1,2,4-Trimethylbenzene	95-63-6	N.A.	N.A.	N.P.

\* N.A. - Not Available.

\* N.P. - Not Pertinent.

## SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Amber liquid with aromatic solvent odor. If ingested, do not induce vomiting. Causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through skin. D.O.T. regulated as a flammable liquid. ERG #128.

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

## SECTION 4. FIRST AID

Eyes: Immediately rinse eyes with a large amount of running water. Hold eyelids apart to rinse the entire surface of the eyes and lids. Do not apply any medicating agents except on the advice of a physician.

Skin: Wash with plenty of soap and water. Do not apply any medicating agents except on the advice of a physician. Remove contaminated clothing and wash before reuse. See a physician if skin becomes irritated.

SECTION 4.	FIRST AID (Continued)
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Ingestion: DO NOT induce vomiting. If victim is fully conscious, immediately give a large quantity of water to drink. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center.

Inhalation: Move to fresh air. If breathing becomes difficult, call a physician.

Note to Physician: There is no specific antidote if this product is ingested. Induction of emesis is not recommended due to large amount of petroleum solvent in this product, which could cause chemical pneumonitis if aspirated. If ingested, lavage stomach, taking care to avoid aspiration of stomach contents into the lungs. Check for possible mucosal damage before beginning gastric lavage. If inhaled, observe for delayed onset of pulmonary edema. Treat central nervous system effects symptomatically. An aqueous suspension of activated charcoal can be administered to absorb remaining toxicant.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	102°F
Test Method:	TCC
LEL Flammable Limits:	1.1%
UEL Flammable Limits:	6.6% by volume in air.
Autoignition Temperature:	450°C
Flammability Classification:	Flammable.
Known Hazardous Products of Combustion:	Not available.
Properties that Initiate/Contribute to Intensity of Fire:	Not available.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	Not available.
Unusual Fire & Explosion Hazards:	This product is a NFPA Class II combustible liquid.
Extinguishing Media:	Dry chemical, foam or CO <sub>2</sub> .
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

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 absorbent material and package for disposal.

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 store near food or feeds. 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: Keep out of reach of children and domestic animals. Avoid contact with eyes, skin and clothing. Avoid inhalation of spray mists. Wash thoroughly with soap and water after handling.

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-sleeved shirt, long pants, impervious gloves and clothes.
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
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Appearance:	Amber liquid.
Odor:	Aromatic solvent.
pH:	8-10 (10% solution in H <sub>2</sub> O).
Vapor Pressure:	Prometon = 3.10E-06 mbar @ 20°C
Vapor Density (Air = 1):	Not available.
Boiling Point:	122°C
Freezing Point:	Not available.
Water Solubility:	Prometon = 0.7 g/L @ 22°C
Density:	7.27 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
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Stability:	Stable.
Conditions To Avoid:	None known.
Incompatibility:	None known.
Hazardous Decomposition Products:	None known.
Hazardous Polymerization:	Will not occur.

SECTION 11.	POTENTIAL HEALTH EFFECTS
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Acute Effects:

Eyes:	Mild irritant. Causes redness and burning.
Skin:	Irritant, especially from prolonged exposure. Causes redness, drying and cracking. Dermal LD <sub>50</sub> (Rabbit): > 2,010 mg/kg.
Ingestion:	May cause abdominal pain, nausea, vomiting, gastritis, weakness, headache, or diarrhea. Oral LD <sub>50</sub> (Rat): 4,880 mg/kg.
Inhalation:	None expected but prolonged exposure may cause respiratory tract irritation and central nervous system depression, resulting in headache, dizziness, blurred vision or nausea. Inhalation LC <sub>50</sub> (Rat): > 2.59 mg/l.

Subchronic Effects: None known.Chronic Effects: Individuals with chronic respiratory disorders should use extra care in handling.

**SECTION 12. ECOLOGICAL INFORMATION**

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

**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.: Flammable Liquid, N.O.S. (Xylene), 3, UN 1993, PG III, Ltd. Qty. (Placards Not Required) ERG #128.  
Other Shipping Description: Compounds, Tree or Weed Killing (Herbicide), Liquid. NMFC Item 50320, LTL Class 60

**SECTION 15. REGULATORY INFORMATION**

CERCLA: Xylene 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: Xylene (CAS No. 1330-20-7), O-Xylene (CAS No. 95-47-6), Ethyl Benzene (CAS No. 100-41-4), 1,2,4-Trimethylbenzene (CAS No. 95-63-6).

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.