



Material Safety Data Sheet

The Toro Company
 8111 Lyndale Ave S
 Bloomington, MN 55420

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Product Identification

Product Name:	Toro Xtreme Plus White Paint	Parts Number:
Product type:	Paint	42005
MSDS #		
Emergency Contact:	Chemtrec : 1-800-424-9300	
Contact Number:	1-952-888-8801	

Chemical Components

Chemical	CAS #	%	ACGIH TLV	OSHA PEL	Other
Vinyl -Acrylic water-based line marking paint.					

Physical and Chemical Properties

Characteristics		Physical Properties		Hazards Description	Physical Dangers
Physical State	Liquid	Vapor pressure			Toro Extreme is stable under normal conditions of use
Color	White	pH	7.0 to 8.0		
Odor	slight	Boiling point/range:	Approx. 100°C		
HMIS Rating		Melting point/range:			
Health:		Specific gravity	1.6 to 1.7		
Flammability:		Vapor density			
Physical Hazard:		Evaporation rate			
		Solubility in water	Fully miscible		
		VOC content:			
		Flash Point			

Health Hazards

Major Routes of Exposure:	Ingredients Considered Hazardous to Health	Potential Health Effects:
Inhalation	none	Inhalation.
Skin X		Skin contact Prolonged or repeated contact may cause irritation of the skin.
Ingestion		Eye contact: Direct contact with this material may cause irritation.
Eye X		Ingestion:

First Aid Measures	Personal Protection
<p>EYE CONTACT: Flush eyes immediately with copious amounts of water. Continue to flush for at least 10 minutes.</p> <p>Seek medical advice if irritation persists.</p> <p>SKIN CONTACT: Remove contaminated clothing. Wash with soap and water before fluid dries.</p> <p>INGESTION: Drink plenty of water. Do not induce vomiting.</p> <p>Seek medical advice</p>	<p>EXPOSURE CONTROLS: Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried in confined spaces.</p> <p>PERSONAL PROTECTION:</p> <p>Respiratory: If sprayed in confined spaces e.g. indoors, masks may be required.</p> <p>Hand: Gloves, if risk of skin contact.</p> <p>Eye: Goggles, if risk of splashing.</p> <p>Skin: Standard industrial overalls if risk of splashing.</p>

Fire and Explosion Hazards

Extinguishing Media	Special Fire Fighting Procedures	Unusual Fire and Explosion Hazards
Water, foam, carbon dioxide or dry powder extinguishers are all suitable.		<p>Aqueous dispersions will not burn. Dried films are combustible. Material will spatter above 100°C.</p> <p>FLASH POINT: Non-combustible</p> <p>AUTO-IGNITION TEMPERATURE: Not Applicable</p>

Handling and Storage

Accidental Release /Spill Measures to Take	Precautions for Storage	Handling
<p>Spillage should not be washed into any drain unless it leads to a suitable effluent treatment process.</p> <p>Residues and spillage should be soaked up with an inert absorbent (e.g. sand, earth) for disposal.</p>	<p>Keep from freezing; product may coagulate.</p> <p>Store in sealed containers between 5°C and 25°C.</p>	<p>Handle in accordance with good industrial safety and hygiene practices.</p>

Disposal/Transportation

Disposal Method	Transportation
<p>Toro Extreme Plus is not classified as hazardous waste. This product can be coagulated and separated from the aqueous phase for landfill or incineration. The residual liquid should not be discharged without prior consent. Existing National and Local Regulations must always be complied with.</p>	<p>Toro Extreme Plus is not classified as hazardous for transportation.</p>

Regulations

<p>Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP): Therapeutic Goods Act (1989)</p> <p>No Poisons Schedule number allocated</p> <p>EEC Hazard Classification: None</p>
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Toxicology Information

<p>Acute oral toxicity: LD₅₀ (RAT) > 2000 mg/kg</p> <p>Method: EEC 84/449, B.1</p> <p>Irritant effect on skin: Slight (Rabbit) Method: EEC 84/449, B4</p> <p>Irritant effect on skin: Slight (Rabbit) Method: EEC 84/449, B5</p> <p>The product is therefore considered to be of low acute oral toxicity to mammals.</p> <p>Frequent contact may lead to skin and eye irritation, especially if the product is allowed to dry out.</p> <p>Long term experience of handling of this product under Industrial conditions indicates the absence of any chronic or acute effects. This product is considered to be harmless to health if used in the correct manner. The toxicological data given are determined by analogy.</p>
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Ecological Information

Chemical Oxygen Demand (C.O.D): 800 mg/l
(Wash-down, i.e. low concentration @ <500mg/l).

Toro Extreme Plus paint is totally miscible with water and at low concentrations, exhibits low toxicity to fish. According to experience, this product has no harmful effect to the environment if used in the correct manner.

Toro Australia Pty Ltd classify this product as non-hazardous or toxic under normal conditions of use. The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be carried out and should not be construed as a guarantee of specific properties