

# MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION NUMBER: (602) 234-8873

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## I - Product Identification

### Tarminator II

PRODUCT CODE: 0160

CHEMICAL FORMULATION: Emulsifiable solvent blend.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2

FLAMMABILITY: 2

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Monochlorotoluene	> 50.0	1 ppm	N	N	N	N	25168-05-2
Aromatic Hydrocarbons	> 10.0	400 ppm	400 ppm	N	N	N	64742-95-6

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit  
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No  
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

BOILING POINT (°F): 315-385

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR = 1): > 1.0

SOLUBILITY IN WATER: Emulsifies

APPEARANCE AND ODOR: Opaque, viscous, water-white liquid, chlorinated solvent odor.

SPECIFIC GRAVITY (WATER = 1): 1.03

VOC CONTENT (% by weight): > 90.0

EVAPORATION RATE (WATER = 1): > 1.00

pH: N/A

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 115

(TEST METHOD): Closed cup

FLAMMABLE LIMITS IN AIR (VOLUME %)

UPPER: N/A

LOWER: N/A

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must use full protective gear and self-contained breathing apparatus. Fire may produce hazardous fumes.

UNUSUAL FIRE AND EXPLOSION HAZARD: Use water spray to cool fire-exposed containers. May emit toxic fumes when heated.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Heat and open flame.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

**ROUTES OF ENTRY**    **INHALATION: X**    **EYE CONTACT: X**    **SKIN CONTACT: X**    **INGESTION: X**

## EFFECTS OF OVEREXPOSURE

**IF ON SKIN:** Irritation with prolonged contact. Dermatitis.

**IF INHALED:** Respiratory tract irritation, dizziness, weakness, headache, nausea, loss of coordination, unconsciousness.

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air. If irritation persists, obtain medical attention.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and extinguish all sources of ignition.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

**RESPIRATORY PROTECTION:** Use with adequate ventilation. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer's recommendations.

**MECHANICAL:** Recommended

**EYE PROTECTION:** Goggles or face shield.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat or open flame. Wash thoroughly after use. Keep container tightly closed when not in use. Equipment and container should be bonded and grounded.

**OTHER PRECAUTIONS:** Keep out of reach of children. Do not cut or weld empty containers as they may contain flammable residues.

**DOT PROPER SHIPPING NAME:** None

**DOT ID NUMBER:** None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

Prepared by: PMR

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