

MATERIAL SAFETY DATA SHEET

Conforms to 29 CFR 1910.1200 (OSHA HAZARD COMMUNICATION STANDARD)

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PRODUCT NAME: GRAFFITI ELIMINATOR

EMERGENCY TELEPHONE NUMBERS: (602) 234-8873

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SECTION I - PRODUCT IDENTIFICATION

Trade Names and Synonyms:

GRAFFITI ELIMINATOR

Chemical Name/Synonyms:

N/A

Chemical Family:

SOLVENT BLEND

Formula: MIXTURE

NFPA HAZARD IDENTIFICATION SYSTEM

HAZARD RATING

HEALTH	2	4 - Extreme
FLAMMABILITY	3	3 - High
REACTIVITY	0	2 - Moderate
		1 - Slight
		0 - Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	Approx. %	OSHA PEL	ACGIH TLV	CARCINOGENICITY NPT IARC OSHA	CAS No.
Trichloroethylene	>40.0	100 ppm	50 ppm	N N N	79-01-6
Toluene	>30.0	100 ppm	100 ppm	N N N	108-88-3
2-Butoxyethanol	5.0	50 ppm	50 ppm	N N N	111-76-2

SECTION III - PHYSICAL DATA

Boiling Point (°F): 110

Vapor Pressure (mm Hg): NOT DET.

Vapor Density (air = 1): NOT DET.

Solubility in water: INSOLUBLE

Appearance and Odor: CLEAR, COLORLESS LIQUID, CHARACTERISTIC SOLVENT ODOR.

Specific Gravity: 1.02

% Volatile (volume %): >95

Evaporation Rate (ether = 1): <1.0

pH: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): 45

(test method): CLOSED CUP

Flammable limits in air (volume%)

Upper: 7.0 Lower: 1.2

Extinguishing media: FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Special fire fighting procedures: FIREFIGHTERS MUST USE FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS.

Unusual fire and explosion hazard: USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. SOLVENT VAPORS MAY CAUSE FLASHBACK. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION.

SECTION V - REACTIVITY DATA

Stability: STABLE

Conditions to avoid: HEAT AND OPEN FLAME

Incompatibility: STRONG ACIDS AND OXIDIZING AGENTS.

Hazardous decomposition products: THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON, HCl AND CHLORINE GAS.

Hazardous polymerization: WILL NOT OCCUR

Conditions to avoid: NONE

SECTION VI - HEALTH HAZARD DATA

Threshold limit value: **NOT ESTABLISHED**

Primary Route(s) of Exposure: **EYE, SKIN CONTACT, INHALATION**

Effects of overexposure: **EYES:** IRRITATION, REDNESS, TEARING, TEMPORARY CORNEAL INJURY. **SKIN:** IRRITATION WITH PROLONGED OR REPEATED CONTACT. **INHALATION:** RESPIRATORY TRACT IRRITATION, DIZZINESS, WEAKNESS, HEADACHE, NAUSEA. **INGESTION:** GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, POSSIBLE BLINDNESS OR EVEN DEATH.

Emergency and first aid procedures: **EYES:** FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION. **SKIN:** REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. WASH WITH SOAP AND WATER. **INGESTION:** CALL PHYSICIAN OR POISON CENTER IMMEDIATELY. DO NOT INDUCE VOMITING. ASPIRATION IS A POTENTIAL HAZARD, IF LAVAGE IS PERFORMED. USE ENDOTRACHEAL AND/OR ESOPHAGEAL CONTROL. DO NOT GIVE SYMPATHOMIMETIC DRUGS UNLESS ABSOLUTELY NECESSARY. NO SPECIFIC ANTIDOTE, TREAT SYMPTOMATICALLY.

SECTION VII - SPILL OR LEAK PROTECTION

Steps to be taken if material is released or spilled: **VENTILATE AREA AND EXTINGUISH ALL SOURCES OF IGNITION. SOAK UP ON ABSORBENT AND PLACE IN CLOSED CONTAINER FOR DISPOSAL.**

Waste disposal method: **CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.**

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: **USE WITH ADEQUATE VENTILATION.**

Ventilation: Local Exhaust: **RECOMMENDED**

Mechanical: **RECOMMENDED**

Protective Gloves: **NEOPRENE GLOVES**

Eye Protection: **CHEMICAL GOGGLES**

Other Protective Equipment: **PROTECTIVE CLOTHING, EMERGENCY SHOWER AND EYE WASH STATION**

SECTION IX - SPECIAL PROTECTION

Precautions to be taken in handling and storage: **STORE IN A COOL, DRY AREA, AWAY FROM HEAT OR OPEN FLAME. WASH THOROUGHLY AFTER USE.** Other precautions: **KEEP OUT OF REACH OF CHILDREN. DO NOT CUT OR WELD ON EMPTY CONTAINERS.**

SECTION X - REGULATORY INFORMATION

DOT Proper Shipping Name: **COMPOUND CLEANING LIQUID (Contains Toluene)**

DOT Class: **3**

DOT ID Number: **NA1993**

DOT Packing Group: **II**

SARA/TITLE III - CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4): This product does contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304: Trichloroethylene (CAS No. 79-01-6), 2-Butoxyethanol (CAS No. 111-76-2)[GLYCOL ETHERS]; Toluene (CAS No. 108-88-3).

SARA/TITLE III - List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355): This product does not contain an ingredient(s) listed as an extremely hazardous substance (EHS) for Emergency Planning under sections 302 and for Emergency Release Notification under section 304.

SARA/TITLE III - List of Toxic Chemicals subject to Release Reporting (Community Right to know) (40 CFR 372): This product does contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313: Trichloroethylene (CAS No. 79-01-6), 2-Butoxyethanol (CAS. No. 111-76-2)[GLYCOL ETHERS]; Toluene (CAS No. 108-88-3).