

MATERIAL SAFETY DATA SHEET

Total Solutions
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GENERAL INFORMATION NUMBER: (414) 354-6417
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REVISION DATE: April 15, 2011
DATE OF ISSUE: April 18, 2011

I - Product Identification

Graffiti Wipes

PRODUCT CODE: 1447

CHEMICAL FORMULATION: Premoistened graffiti and paint removal towel.

NFPA HAZARD IDENTIFICATION SYSTEM: **HEALTH:** 1 **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>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Dimethyl glutarate	30.0-40.0	N/E	N/E	N	N	N	1119-40-0
Methyl ester of soybean oil	15.0-25.0	N/E	N/E	N	N	N	67784-80-9
Ethyl lactate	15.0-25.0	N/E	N/E	N	N	N	97-64-3
Dimethyl succinate	10.0-15.0	N/E	N/E	N	N	N	106-65-0
Dimethyl adipate	5.00-10.0	N/E	N/E	N	N	N	627-93-0

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): N/A

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR = 1): N/D

SOLUBILITY IN WATER: Soluble*

APPEARANCE AND ODOR: Purple cloth impregnated with a clear, water-white liquid; mild odor.

*Tested using the liquid component of the towelette.

SPECIFIC GRAVITY (WATER = 1): 1.03*

VOC CONTENT (% by weight): 15.0-20.0*

EVAPORATION RATE (WATER = 1): N/D

pH: N/A

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 163 **(TEST METHOD):** Closed cup

FLAMMABLE LIMITS IN AIR (VOLUME %) **UPPER:** N/A **LOWER:** N/A

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: None

V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Oxidizers, strong acids and alkalis.

CONDITIONS TO AVOID: Excess heat and open flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:**
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None

EFFECTS OF OVEREXPOSURE

IF IN EYES: Mild irritation and redness.

IF ON SKIN: Redness, dryness and irritation, with prolonged or repeated exposure.

IF SWALLOWED: Not expected to be a route of exposure. Gastrointestinal irritation, nausea, cramps, vomiting in ingested.

IF INHALED: Not expected to be a route of exposure. Irritation to the respiratory tract if inhaled.

EMERGENCY AND FIRST AID PROCEDURES

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 ON SKIN: Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.

IF SWALLOWED: Contact physician or poison control center immediately. Give affected person one to two glasses of water. Do not induce vomiting. Never give anything to an unconscious person.

IF INHALED: Remove person to fresh air. If breathing has stopped administer artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Soak up spilled material with inert absorbent material and place in a properly labeled closed container for disposal.

WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation.

VENTILATION

LOCAL: Recommended

MECHANICAL: Not required

PROTECTIVE GLOVES: Chemical resistant.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: None.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place. Keep container tightly closed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT ID NUMBER: None

DOT PROPER SHIPPING NAME: None

DOT CLASS: 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.

REVISION DATE: April 15, 2011

Prepared by: Technical Dept.

DATE OF ISSUE: April 18, 2011

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