

Material Safety Data Sheet

HMIS®

HIL01064

HEALTH

2

REACTIVITY

0

FLAMMABILITY

3

PERSONAL PROTECTION

B

Identity: GRAFFITI REMOVER Formula: B901 Part numbers: 90101, 90130	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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SECTION 1: Company Identification

DISTRIBUTED BY: HILLYARD INDUSTRIES, INC.	DATE: August 28, 2006
Address (Number, Street, City, State, and ZIP Code) 302 North Fourth Street (P.O. BOX 909)	Emergency Telephone Number 1-800-424-9300
St. Joseph, MO 64502	Telephone Number for Information 1-800-233-1321 ext. 8285
www.hillyard.com	Signature of Preparer (Optional) Regulatory Dept.

SECTION 2: Ingredients/Identity Information

Components (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
Water	7732-18-5	No Data	No Data	No Data	15 – 40%
Dimethyl Glutartate	1119-40-0	No Data	No Data	No Data	15 – 40%
Dimethyl Adipate	627-93-0	No Data	No Data	No Data	10 – 30%
PPG-3 Methyl Ether	25498-49-1	No Data	No Data	No Data	10 – 30%
Acetone	67-64-1	1000 ppm	500 ppm	750 ppm STEL	7 – 13%
Methoxyisopropanol	107-98-2	No Data	100 ppm	150 ppm STEL	7 – 13%
2-Butoxyethanol (skin designation)	111-76-2	50 ppm	20 ppm	700 ppm IDLH	5 – 10%
Amyl acetate	628-63-7	100 ppm	50 ppm	100 ppm STEL	3 – 7%
Dimethyl Succinate	106-65-0	No Data	No Data	No Data	3 – 7%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION 3: Hazards Identification

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Acute Health Hazards - Warning. Flammable liquid and vapor. Causes eye and skin irritation. Liquid may be harmful or fatal if swallowed (aspiration hazard). May be harmful if absorbed through intact skin. May be harmful if inhaled. Overexposure to vapors may induce central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

Chronic Health Hazards - Repeated or prolonged occupational overexposure can cause dermatitis, severe skin irritation, or Painter's Syndrome.

Carcinogenicity:

Chemical: None	OSHA: No	NTP: No	IARC: No
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Signs and Symptoms of Exposure - Redness, tearing or burning in eyes. Redness, burning, drying or cracking of skin. Swallowing, overexposure to vapors or skin absorption may cause drowsiness, dizziness, nausea, headaches, fatigue, loss of coordination. Inhalation of excessive amounts of vapors may irritate nose, throat, lungs and upper respiratory tract. Follow good chemical hygiene practices to avoid these hazards.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin, lung, kidney, liver, and blood conditions could be aggravated by overexposure and misuse.

SECTION 4: Emergency and First Aid Procedures:

Eyes - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.

Ingestion - If liquid is ingested call a physician or poison control center immediately. Do NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.

Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. If breathing is difficult, give oxygen.

Skin – Flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing and shoes before reuse. If irritation arises and persists get medical attention.

SECTION 5: Fire Fighting Measures

Flash Point, Concentrate (Method Used) 64°F (PMCC)	Flammable Limits No Data	LEL No Data	UEL No Data
Extinguishing Media - Use carbon dioxide, dry chemical, foam, or water fog. Large spills may cause a floating fire to form as if an oil fire.			
Special Fire Fighting Procedures - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.			
Hazardous Products of Combustion - Carbon dioxide, carbon monoxide, smoke and soot and various organic oxidation by-products.			
Unusual Fire and Explosion Hazards - Flammable liquid on a polypropylene towel.			

SECTION 6: Accidental Release Measures

Small Spill - Wipe up small releases with a dry absorbent cloth or other absorbent material.
Large Spill – Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

SECTION 7: Handling and Storage

Handling – Do not get into eyes, on skin, or clothing. Wash thoroughly after handling. Do not swallow. Do not smoke while using. Avoid inhaling vapors. Use with adequate ventilation. Do not deliberately concentrate and inhale vapors. Follow label directions carefully.
Storage – Store in a cool well ventilated area. Keep away from heat sources. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage.

SECTION 8: Exposure Controls / Personal Protection

Eye Protection – If direct contact is possible, use goggles or approved safety glasses (ANSI Z87).
Skin Protection – Yes, impervious.
Respiratory Protections – Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.
Engineering Controls – Ventilation should be provided in the event of overexposure.

SECTION 9: Physical and Chemical Properties

Appearance and Odor:	Clear colorless liquid with an Amyl Acetate scent saturated on a towel.
PH	6.3
Specific Gravity (70°F)	0.986
Boiling Point:	>212° F
Melting Point:	No Data
Evaporation Rate (Butyl Acetate = 1)	No Data
Vapor Pressure (mm-Hg @ 70°F)	No Data
Vapor Density (AIR = 1)	Greater than one (1)
Solubility in Water	Miscible
Volatile Organic Compounds (VOCs)	295.80 grams per liter or 30% by weight VOCs.

SECTION 10: Stability and Reactivity

Hazardous Polymerization – This product will not undergo hazardous polymerization.
Hazardous Decomposition or Byproducts – Carbon dioxide, carbon monoxide, smoke and soot and various organic oxidation by-products.
Chemical Stability - Stable
Incompatibility (Materials to Avoid) - Strong alkalis, acids, oxidizers, alkali metal hydroxides and heat.

SECTION 11: Toxicological Information

2-Butoxyethanol: Oral LD50: 470 – 3000 mg/kg, rat
Skin LD50: 220 mg/kg, rabbit

Inhalation LC50: 700 ppm/ 7H, rat

SECTION 12: Ecological Information

2-Butoxyethanol: Fathead minnow LC50: 1900 mg/L

Daphnia magna EC50: 2500 mg/L

Selenastrum capricornutum EC50: >1000 mg/L

SECTION 13: Disposal Consideration

Disposal Method - Dispose of in accordance with all applicable local, state, and federal regulations.

RCRA Waste Information – If this product becomes a waste, it would be a hazardous waste (D001) as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14: Transport Information

DOT Information – 49 CFR 172.101

Proper Shipping Description: Consumer Commodity

Hazard Class: ORM-D

Identification Number: None

Packing Group: None

Water Transportation:

Proper Shipping Description: Paint Related Material

Hazard Class: 3

Identification Number: UN 1263

Packing Group: II

Air Transportation:

Proper Shipping Description: Paint Related Material

Hazard Class: 3

Identification Number: UN 1263

Packing Group: II

SECTION 15: Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ – 40 CFR 302.4 (a)

Acetone (CAS# 67-64-1) – 5000 lbs

SARA 313 Components – 40 CFR 372.65

2-Butoxyethanol (CAS# 111-76-2) – 7.4%

State and Local Regulations:

California Proposition 65

None

Section 16: Additional Information

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.
