NFPA Rating Health 2 Flammability 2 Reactivity 0	HMIS Rating Health 2 Flammability 2 Reactivity 0

SECTION I

Material Safety Data Sheet This MSDS complies with OSHA's Hazard Comm. Standard 29 CFR 1910.1200 and OSHA Form 174	DOT Hazard Classification * Consumer commodity, ORM-D
Distributed By : Hillyard Industries, Inc.	Identity (Trade Name) #1064 Graffiti Remover
Address: P.O. Box 909	MSDS Number * 1064-99-1
St. Joseph, MO 64502	Date Prepared: January 1, 1999
Telephone (Information) (816) 233-1321 (Ext. 2303)	Prepared By: Regulatory Dept.
Telephone (Emergency) CHEMTREC (1-800-424-9300)	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.

SECTION II - Ingredients/Identity Information

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
*2-Butoxyethanol (skin designation)	111-76-2	50 ppm	25 ppm		10 - 30
Pentyl acetate	628-63-7	100 ppm	100 ppm		
1-Methoxy-2-propanol	107-98-2	100 ppm	100 ppm	STEL 150 ppm	
Surfactant blend	mixture	None	None		
Water	7732-18-5	None	None		

* This product contains 2-Butoxyethanol (a glycol ether compound) which is listed and may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

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 III Physical/Chemical Characteristics

Boiling Point Concentrate - Initial	Approx. 212° F	**Specific Gravity (H_2O = 1)** @70° F	0.974
Vapor Pressure (mm-Hg @ 70° F)	No Data	**Melting Point**	No Data
Vapor Density (AIR = 1)	Greater than one (1)	**Evaporation Rate (Butyl Acetate = 1)**	No Data
Solubility in Water	Partial	**pH**	6.5 ± 0.5

Appearance and Odor -
Clear colorless liquid with a banana scent on a towel.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
136° F (TCC): liquid phase	No Data	No Data	No Data

Extinguishing Media -
Use carbon dioxide, dry chemical, foam or 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.

Unusual Fire and Explosion Hazards -
Combustible liquid on a plastic towel.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Heat, sparks, open flames
	Stable	X	

Incompatibility (Materials to Avoid) - Strong alkalies, acids and oxidizers and heat.

Hazardous Decomposition or Byproducts -
Carbon dioxide, carbon monoxide, smoke and soot and various organic oxidation by-products.

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

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

Health Hazards (Acute and Chronic) - Warning. Combustible liquid. Causes eye and skin irritation. May be harmful or fatal if swallowed (aspiration hazard). Harmful if absorbed through intact skin. May be harmful if inhaled. Repeated or prolonged occupational overexposure can cause dermatitis, severe skin irritation or Painter's syndrome. Overexposure to vapors may induce central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

Carcinogenicity: None known	NTP? No	IARC Monographs? No	OSHA Regulated? No

Signs and Symptoms of Exposure - Redness, tearing and burning in eyes. Redness drying and cracking skin. Swallowing, overexposure to vapors or skin absorption may cause drowsiness, dizziness, fatigue, loss of coordination. Inhalation of excessive amounts of vapors may irritate nose, throat 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.

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 - Call a physician or poison control center immediately. Aspiration hazard. Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. Skin - Flush with plenty of water for at least 15 minutes. If irritation arises and persists, call a physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled -
Caution, slip hazard. Allow material to dry before foot traffic is allowed on wetted area. For large spills, isolate and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread if free liquid is created. Pick up with a vacuum or an absorbent material or allow to air dry. Put in a suitable container for proper disposal.

Waste Disposal Method - Consult local, state, and federal regulations. Triple rinse empty container then offer for recycling, reuse, or reconditioning.

Precautions to be Taken in Handling and Storing - Do not use around ignition sources such as heat, sparks, flame, static electricity, welding arcs, etc. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Do not swallow. Do not smoke while using. Avoid inhaling vapors. Use with adequate ventilation. Store in a cool dry location away from heat, sparks, open flame, etc.

Other Precautions - Follow label directions carefully. 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. Do not deliberately concentrate and inhale vapors.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) -
Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Ventilation	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves - Yes, impervious	Eye Protection - Yes, goggles of approved safety glasses (ANSI Z87)

Other Protective Clothing or Equipment -Not usually necessary. Avoid direct contact. Wear apron, boots, face shield, etc. if needed.

Work/Hygienic Practices - Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

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