

A00178

**MATERIAL SAFETY DATA SHEET**

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

**IDENTITY AND MANUFACTURER'S INFORMATION**

<b>NFPA Rating:</b> Health-2; Flammability-3; Reactivity-0; Special-0		<b>HMIS Rating:</b> Health-2; Flammability-3; Reactivity-0; Personal Protection-B	
<b>Manufacturer's Name:</b> AMREP, INC.		<b>DOT Hazard Classification:</b> ORM-D	
<b>Address:</b> 990 Industrial Park Drive Marietta, GA 30062		<b>Identity</b> (trade name as used on label): <b>MISTY VANDALISM MARK REMOVER</b>	
<b>Date Prepared:</b> 12/03/97		<b>MSDS Number:</b> 178	
<b>Prepared By:</b> DL		<b>Revision:</b> 11	
<b>Information Calls:</b> (770)422-2071		<b>NOTICE:</b> JUDGEMENT BASED ON INDIRECT TEST DATA	
<b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3824			

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III/IV/ST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
TOLUENE	108-88-3	Yes	200	100	d
ACETONE	67-64-1	No	1000	750	d
ETHYLENE GLYCOL N-BUTYL ETHER	111-76-2	Yes	25	25	d
PROPANE	74-98-6	No	1000	1000	d
METHYLETHYL KETONE	78-93-3	Yes	200	200	d

**WARNING:** This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O=1):</b> Concentrate Only = .84
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): Max.60	<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A
<b>Vapor Density (Air = 1):</b> N/E	<b>Evaporation Rate ( = 1):</b> N/E
<b>Solubility in Water:</b> Partial	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Clear liquid, aromatic solvent odor.	

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) <b>EXTREMELY FLAMMABLE</b>	<b>Auto Ignition Temperature</b> N/E	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/E % UEL: N/E
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> N/A		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.		
<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide, water.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 130°F or the container may rupture.		

**SECTION 4 - REACTIVITY HAZARD DATA**

<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility (Mat. to avoid):</b> Acids and strong oxidizers.	<b>Conditions to Avoid:</b> Open flame, welding arcs, heat, sparks.
<b>Hazardous Decomposition Products:</b> CO, CO <sub>2</sub>	

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
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**ACUTE EFFECTS:**

<b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.
<b>Eye Contact:</b> Irritation
<b>Skin Contact:</b> Irritation
<b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.

**CHRONIC EFFECTS:** (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, kidney and/or lung damage. Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycol Ether EB.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate existing eye, skin, or upper respiratory conditions.

**EMERGENCY FIRST AID PROCEDURES**

<b>Eye Contact:</b> Flush with water for 15 minutes. If irritated, seek medical attention.
<b>Skin Contact:</b> Wash with soap and water. If irritated, seek medical attention.
<b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.
<b>Protective Gloves:</b> Rubber gloves.
<b>Eye Protection:</b> Safety glasses recommended.
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.
<b>Other Protective Clothing &amp; Equipment:</b> None
<b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken If Material Is Spilled Or Released:** Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. Prevent from entering drains or sewers.

**Waste Disposal Methods:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

**Precautions To Be Taken In Handling & Storage:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

**Other Precautions &/or Special Hazards:** KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.  
\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

Distributed By: KEL-CAN, INC.  
5109 NATIONAL DR., KNOXVILLE, TN 37914

**Section 1 – Product and Company Identification**

Product(s): **SCRUBS® Graffiti and Paint Remover Towels**  
Formula: B901  
Part Number(s): 90101, 90130

Company Name &amp; Address:

**TW Dymon**

805 E. Old 56 Hwy.  
Olathe, KS 66061  
800-443-9536 (8 a.m. – 5 p.m. Weekdays, CDT)

Emergency Numbers:

IN CASE OF EMERGENCY, CALL Infotrac @ 1-800-535-5053, 24 hrs.  
INTERNATIONAL EMERGENCY NUMBER 352-323-3500  
Poison Control Center: 1-800-222-1222

Material Safety Data Sheets:

[www.dymon.com](http://www.dymon.com)**Section 2 – Hazards Identification**

WARNING. Flammable liquid and vapor. Causes eye and skin irritation. 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.

**Potential Health Effects**

<b>EYES:</b>	Causes eye irritation.
<b>SKIN:</b>	Causes skin irritation.
<b>INHALATION:</b>	May be harmful if inhaled.
<b>INGESTION:</b>	Not likely as product is a saturated towel. Harmful or fatal if swallowed—aspiration hazard.
Signs/symptoms of exposure: redness, tearing or burning in eyes. Burning, drying, redness or cracking of skin. Nose, throat, and airway irritation. Overexposure may cause central nervous system depression. Medical conditions generally aggravated by exposure: pre-existing skin, lung, blood, liver or kidney conditions may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.	

HMIS Rating

Health – 2

Flammability – 3

Reactivity – 0

Personal Protection – B

**Section 3 – Composition/Information on Ingredients**

Ingredient	CAS Number	Percent Range
Water	7732-18-5	15 – 40
Dimethyl Glutarate/Dimethyl Adipate	1119-40-0/627-93-0	10 – 30
PPG-3 Methyl Ether	25498-49-1	10 – 30
Methoxyisopropanol	107-98-2	7 – 13
Acetone	67-64-1	7 – 13
Dibasic Ester	Mixture	5 – 10
2-Butoxyethanol	111-76-2	5 – 10
Amyl Acetate	628-63-7	1 – 5

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 4 – First Aid Measures**

**EYES:** Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

<b>SKIN:</b>	Immediately flush with water for 15 minutes. Remove contaminated clothing and shoes. If irritation arises and persists seek medical attention.
<b>INHALATION:</b>	Move to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.
<b>INGESTION:</b>	Call a physician or poison control center immediately. Do not induce vomiting unless directed by a physician or poison control center. Never give anything by mouth to an unconscious person.

### Section 5 – Fire Fighting Measures

Flashpoint (PMCC):	62° F
Extinguishing Media:	Carbon dioxide, dry chemical, foam or water fog. Fire may float 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 self-contained breathing apparatus (SCBA) in chemical fires.
Hazardous Products of Combustion:	Oxides of carbon, smoke, soot and various organic oxidation by-products.

### Section 6 – Accidental Release Measures

Small spill:	Wipe up small releases with a dry absorbent cloth or other absorbent material.
Large spill:	Not likely as liquid is absorbed on a towel. If large amount of liquid is released ventilate area and block traffic. Absorb with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Transfer contaminated material into suitable container for proper disposal.

### Section 7 – Handling and Storage

Handling:	Do not swallow. Do not get into eyes. Wash thoroughly after handling. Avoid contact with skin and clothing. Avoid inhaling mists or vapors. Do not smoke while using. Use only with adequate ventilation. Follow good chemical hygiene practices when handling this material. Follow label directions carefully.
Storage:	Keep out of reach of children. Store in a cool, well-ventilated area. Keep away from heat sources. 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

Engineering controls:	Ventilation should be provided in the event of overexposure.
Exposure limits:	Acetone (CAS # 67-64-1) 1,000 ppm OSHA PEL; 500 ppm ACGIH; 250 ppm NIOSH REL Methoxyisopropanol (CAS # 107-98-2) 100 ppm OSHA PEL; 100 ppm ACGIH & 150 ppm STEL 2-Butoxyethanol (CAS # 111-76-2) 50 ppm OSHA PEL; 25 ppm OSHA VPEL; 20 ppm ACGIH Amyl Acetate (628-63-7) 100 ppm OSHA; 50 ppm ACGIH & 100 ppm STEL
Eye protection:	Yes, wear approved safety glasses or goggles if direct contact is possible.
Skin protection:	Yes, wear impervious gloves if direct contact is possible.
Respiratory protection:	Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

### Section 9 – Physical and Chemical Properties

Appearance and Odor: Colorless liquid with a plumeria odor.		
pH: 6.3	Boiling Point: 212° F	Specific Gravity: 0.986
Vapor Density: >1	Vapor Pressure: No Data	Solubility in Water: Miscible
Evaporation Rate: No Data	Volatile Organic Compounds (VOCs): 30.00 % by weight	

### Section 10 – Stability and Reactivity

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

### Section 11 – Toxicological Information

Dimethyl Glutarate, CAS # 1119-40-0
Oral LD50>50 mg/kg rat; Dermal LD50>200 mg/kg rabbit

**Formula: B901**

Dimethyl Adipate, CAS # 627-93-0

Oral ALD=7,500 mg/kg rat; Dermal LD50>1,000 mg/kg rabbit

Acetone, CAS # 67-64-1

Oral LD50=5,800 mg/kg rat; Dermal LD50=20,000 mg/kg rabbit; Inhalation LC50=16,000 ppm rat (4 hr)

Amyl Acetate, CAS # Mixture

Oral LD50=19.7 ml/kg rat; Dermal=20ml/kg rabbit (24 hr occluded)

**Section 12 – Ecological Information**

Dimethyl Glutarate, CAS # 1119-40-0

LC50=30.9 mg/L bluegill sunfish (96 hr)

Amyl Acetate, CAS # Mixture

LC50=69 mg/L fathead minnow (96 hr)

**Section 13 – Disposal Considerations**

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

Waste information: If this product becomes a waste, it would be a hazardous waste (D001) as defined by RCRA (40CFR261).

However the waste should be properly evaluated in case of modification prior to disposal.

**Section 14 – Transport Information**

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Dangerous Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

	UN #	Proper Shipping Description	Hazard Class	Packing Group
DOT Information	None	Consumer Commodity	ORM-D	None

Marine Pollutants: None

**Section 15 – Regulatory Information**

**US Federal Regulations**

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory or exempt from listing.

**CERCLA RQ**

Acetone (CAS# 67-64-7) – 5,000 lbs

**SARA 313 Components**

2-Butoxyethanol (CAS #111-762) – 7.4%

**State and Local Regulations**

California Proposition 65

WARNING: This product contains a trace chemical (Benzene) known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

**Section 16 – Other 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, and 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.

# MATERIAL SAFETY DATA SHEET

<b>Section 1. Chemical Product and Company Information</b> Product #: 5670 Product Name: Graffiti Eraser Product Use: Degreaser Cleaner Concentrate Distributor Name: Midlab, Inc. Distributor Address: 232 Industrial Park Road Sweetwater, TN 37874 Emergency Phone #: 1-800-535-5093 Intofrac 24 hours Date Prepared/Updated: 8-13-09 Hazardous Material Information System (HMIS) Health: 2 Fire Hazard: 1 Reactivity: 0 Precautionary Label Statements: Warning		<b>Section 2. Composition and Information on Ingredients</b> <table border="1"> <thead> <tr> <th>Ingredients</th> <th>CAS#</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>n-Methyl-2-Pyrrolidone</td> <td>872-50-4</td> <td>25-50</td> </tr> <tr> <td>Ethyl Lactate</td> <td>97-64-3</td> <td>25-50</td> </tr> <tr> <td>Soybean Methyl Ester Solvent</td> <td>67784-80-9</td> <td>25-50</td> </tr> <tr> <td>Terpene Hydrocarbon</td> <td>5989-27-5</td> <td>10-20</td> </tr> <tr> <td>Nonylphenoxypolyethoxethanol</td> <td>68412-54-4</td> <td>&lt;10</td> </tr> </tbody> </table>		Ingredients	CAS#	%	n-Methyl-2-Pyrrolidone	872-50-4	25-50	Ethyl Lactate	97-64-3	25-50	Soybean Methyl Ester Solvent	67784-80-9	25-50	Terpene Hydrocarbon	5989-27-5	10-20	Nonylphenoxypolyethoxethanol	68412-54-4	<10
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<b>Section 3. Hazards Identification</b> Route of Entry: Eyes Potential Acute Health Effects: None Known		<b>Section 10. Stability and Reactivity</b> Stability and Reactivity: Stable Conditions of Instability: None Known Incompatibility with Various Substances: None Known Decomposition Products: When exposed to fire: Produces normal products of combustion. Will not occur. Hazardous Polymerization: None Known Section 11. Toxicological Information Effects of Chronic Exposure: None Known																			
<b>Section 4. First Aid Measures</b> Eye Contact: Flush immediately with water for 15 minutes being careful to flush behind the eyelids. Seek medical attention if irritation persists or develops. Inhalation: No harmful effects expected. Skin Contact: No harmful effects expected. Prolonged or repeated contact may dry skin and cause irritation. Ingestion: Immediately drink plenty of water. If discomfort persists, get medical attention.		<b>Section 12. Ecological Information:</b> None Known <b>Section 13. Disposal Considerations:</b> Dispose of all wastes according to all federal, state and local legislation. <b>Section 14. Transport Information</b> DOT Classification: NOT Non-Hazardous																			
<b>Section 5. Fire Fighting Measures</b> Flashpoint: 120°F Fire Fighting Media and Instructions: Extinguish with water spray or carbon dioxide; dry chemical powder or appropriate foam. Normal fire fighting procedure may be used. Unusual Fire and Explosion Hazards: None Known		<b>Section 15. Regulatory Information</b> Reporting in this section is based on ingredients disclosed in Section 2 U.S. Regulation: Not Regulated. Federal: Not Regulated. State: Not Regulated. Registered Product Information: Not EPA Registered. <b>Section 312:</b> Immediate (Acute) Health																			
<b>Section 6. Accidental Release Measures</b> Personal Precautions: Put on appropriate personal protective equipment (see section 8). Environmental Precautions: In the event of major spillage, use appropriate containment to avoid environmental contamination. Collect spilled material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean up.		<b>Section 16. Other Information:</b> TSCA STATUS: All ingredients of this product are listed on the TSCA inventory. Other Special Considerations: None reported.																			
<b>Section 7. Handling and Storage</b> Handling: Avoid contact with eyes. Use appropriate hygiene methods when handling product. For industrial use only. Storage: Store in a cool well ventilated area. Protect from freezing. Keep out of reach of children.		<b>Section 313. Toxic Release Inventory Reporting</b> None Present																			
<b>Section 8. Exposure Controls &amp; Personal Protection:</b> Engineering Controls: None usually needed. General room ventilation is adequate. Personal Protection: Eyes: No special requirements under normal use conditions. Hands: No special requirements under normal use conditions. Respiratory: No special requirements under normal use conditions. Additional Measures: N/A Listed Carcinogen: No ingredients listed by NTP, IARC or OSHA Subpart 2. Medical Condition Aggravated: Persons with pre-existing skin disorders may be susceptible to irritating effects.		Manufacturer: Midlab, Inc. Address: 232 Industrial Park Road Sweetwater, TN 37874 Primary Distributor: Kelsan, Inc. Address: 5109 National Drive Knoxville, TN 37914																			

Product #5670

BSL56700012

Distributed By KEL-SAN, INC  
 5109 NATIONAL DR., KNOXVILLE, TN 37914

# Vandal Mark Remover

## MATERIAL SAFETY DATA SHEET COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

### SECTION I - PRODUCT IDENTIFICATION

Product Name: JEL  
Product Number: 175  
Product Type: AEROSOL  
Supplier's Name: Riomar Industries  
Supplier's Address: 2525 American Lane, Elk Grove Village, IL 60007  
D.O.T. Hazard Class: CONSUMER COMMODITY - ORM-D

Formula: Proprietary  
Date Prepared: 11/12/97  
Emergency Phone: (800) 255-3924  
Information Phone: (847) 595-9113

HMS Rating (Based on Aerosol Conc.):  
0-Minimal 1- Slight 2- Moderate  
3- Serious 4- Extreme  
HEALTH: 1 FIRE: 4 REACTIVITY: 0  
Personal Protection : B

### SECTION II - INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Toluene	108-88-3	40-60	YES	NO	NO	100 ppm	100 ppm
Diacetone Alcohol	123-42-2	05-10	NO	NO	NO	50 ppm	50 ppm
Isopropyl Alcohol	67-63-0	05-10	NO	NO	NO	400 ppm	400 ppm
Liquified Petroleum Gas	68476-85-7	10-20	NO	NO	NO	1000 ppm	1000 ppm

### SECTION III - PHYSICAL DATA

Data Below Based On Aerosol Concentrate Only:

Boiling Point: -194°F

pH: N/A

Solubility in Water: Emulsifies

Appearance/Odor: Creamy White Jel, Mild Odor

Data Below Based On Total Contents:

Vapor Pressure of can (psig @70°F): 45

Total VOC%: ~ 87%

Vapor Density(Air=1): >1

Specific Gravity (H<sub>2</sub>O=1)@76°F: 0.913

### SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): 54°F (T.O.C.)

Flammability (as per USA Flame Projection Test): Extremely Flammable Spray

Extinguishing Media: Foam, CO<sub>2</sub>, Dry Media

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

### SECTION V - REACTIVITY DATA

Stability: Material Stable.

Hazardous Polymerization: Will not Occur.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxides.

### SECTION VI - STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120° F.

NFPA Code 30B Rating: Level 2 Aerosol.

### SECTION VII - HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause slight irritation but does not injure eye tissue.

Skin: Frequent or prolonged contact may cause irritation.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

Skin: Wash with soap and water. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

### SECTION VIII - SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.

Ventilation: Provide local exhaust to keep TLV of Section II Ingredients below acceptable limits.

Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

### SECTION IX - SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

# Material Safety Data Sheet

HMIS\*

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH

2

REACTIVITY

0

FLAMMABILITY

2

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

C-901 SCRUBS\* Graffiti & Spray Paint Removers

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 I

Manufacturer's Name

Dymon, Inc.

Emergency Telephone Number

1-800-535-5053

Address (Number, Street, City, State, and ZIP Code)

805 E. 56 Highway

Telephone Number for Information

1-800-BUY DYMON 1-800-289-3966

Olathe, KS 66061

Date Prepared

August 11, 1998

Signature of Preparer (Optional)

Regulatory Dept.

## SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific

Chemical Identity, Common Name(s))

CAS No.

OSHA PEL

ACGIH-TLV

Other Limits

Recommended

%(Opt.)

\*2-Butoxyethanol (skin designation)

111-76-2

25 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

\* 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<sub>2</sub>O = 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)

136° F (TCC): liquid phase

Flammable Limits

No Data

LEL

No Data

UEL

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 alkalis, acids and oxidizers and heat.

**Hazardous Decomposition or Byproducts -**

Carbon dioxide, carbon monoxide, smoke and soot and various organic oxidation by-products.

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

**SECTION VI - Health Hazard Data**

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	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:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	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.

\*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 rule.  
 \*Note: 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, EXPRESSED 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 PROPER 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.



MATERIAL SAFETY DATA SHEET OSHA Hazard Communication Standard 29 CFR 1910.1200				
Section I				
Product Name: <b>Twin Job</b>		Distributed By: AMERICAN CONTINENTAL TECH Address: 1625 ROBERT C JACKSON ST, MARYVILLE, TN 37801 Phone: (865) 984-8701		
Product Code: <b>LP-2202</b>				
Chemical Family: <b>Fabric Stain Remover</b>				
Chemical Formula: <b>Mixture</b>				
MSDS Revision Date: <b>04/28/99</b>		Department of Transportation Federal Motor Carrier Hazardous Material Shipping Regulations		
Proper Shipping Name: <b>Not regulated</b>		Hazard Classification: <b>Not regulated</b>		
Identification Number: <b>Not regulated</b>		For Transportation Emergencies, Call: Chemtrec 1-800-424-9300		
Section II - Hazardous Ingredients/Identity Information				
HAZARDOUS COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	COMMENTS
2-Butoxyethanol	111-76-2	25 ppm N.E.	25 ppm N.E.	SARA Title III Section 313 Eye irritation hazard
Non-ionic surfactants	N/A	N.E.	N.E.	Eye irritation hazard
Coupling Agents	N/A	N.E.	N.E.	Eye irritation hazard
Sequestrants	N/A	N.E.	N.E.	Eye irritation hazard
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals appearing in 40 CFR 372 (Section 313). Section 313 information must be included in all MSDS's that are copied and distributed to end-users. For help and additional information concerning Title III call the EPA Hotline at 1-800-535-0202.				
Section 313 Component	Percent Range	Section 313 Component		Percent Range
2-Butoxyethanol	2.0 - 4.0 %			
Section III - Physical/Chemical Characteristics				
Boiling Point: <b>212 degrees F</b>	Vapor Pressure (mm Hg): <b>N/A</b>	Summary of Hazard Rating (HMIS)		
Freezing Point: <b>N/A</b>	Vapor Density: <b>N/A</b>	Hazard	Rating	Key
pH (1%): <b>9.00</b>	Evaporation Rate: <b>N/A</b>	Health:	2	0-Minimal 3-High
Solubility in Water: <b>Excellent</b>	Specific Gravity: <b>1.07</b>	Fire and explosion:	0	1-Slight 4-Extreme
Appearance and Odor: <b>Clear, colorless liquid with a deodorizer type odor.</b>		Reactivity:	0	2-Moderate
Section IV - Fire and Explosion Data				
Flash Point (method): <b>Not combustible</b>		Flammable Limits in Air, % by Vol.		LEL <b>N/A</b> UEL <b>N/A</b>
Extinguishing Media: <b>Use appropriate media for surrounding structures and containers.</b>				
Special Fire Fighting Procedures: <b>As with all chemical fires, wear self-contained breathing apparatus in confined areas or where smoke or fumes can drift or accumulate.</b>				
Unusual Fire and Explosion Hazard: <b>N/A</b>				
Section V - Reactivity Data				
Stability (unstable/stable): <b>Stable</b>		Hazardous Polymerization: <b>Will not occur</b>		
Stability conditions to Avoid: <b>High temperatures</b>				
Incompatibility (Materials to Avoid): <b>N/A</b>				
Hazardous Decomposition or By-products: <b>Carbon monoxide and/or carbon dioxide may be evolved under extreme conditions.</b>				

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Section VI - Health Hazard Data			
Threshold Limit Value: Not established			
Route(s) of Entry: Inhalation? Yes      Skin? Yes      Ingestion? Yes			
Health Hazards-Acute: Eyes-Cause moderate irritation. Skin-Cause irritation or dermatitis caused by defatting of skin. Prolonged exposures may allow 2-Butoxyethanol to be absorbed resulting in possible hemoglobinuria. Ingestion-may cause irritation, nausea, diarrhea, vomiting. Inhalation-may irritate nose, throat, mucous membranes. Prolonged inhalation, ingestion or severe exposures can cause hemolysis (destruction of red blood cells), kidney damage, or liver damage.			
Health Hazards-Chronic: N/A			
Carcinogenicity: Not carcinogenic      OSHA Regulated? Not carcinogenic      NTP? Not carcinogenic			
Effects of Overexposure: Causes irritation to skin, eyes, mucous membranes, digestive system, and respiratory system. Skin absorption of 2-Butoxyethanol is possible in severe or prolonged exposures. Toxic by ingestion.			
Emergency and First Aid Procedures:			
Ingestion(swallowing): DO NOT INDUCE VOMITING! Drink 1 to 2 glasses of water or milk to dilute. Seek immediate medical attention. If vomiting does occur, keep victim's head below his/her hips to prevent breathing of liquid into lungs (aspiration hazard).			
Skin Contact: Flush area thoroughly with large amounts of running water. Seek medical attention if irritation develops.			
Eye Contact: Flush eyes thoroughly with running water for at least 15 minutes. Seek medical attention immediately.			
Section VII - Spill or Leak Procedures			
Steps to Be Taken in Case Material Is Released or Spilled: Obtain and wear protective equipment. Small spills may be flushed into a sewer connected to a private or municipal treatment facility, if approved by the local, state, and federal regulations. Follow with sufficient water to flush system. For large spills, dike the area with sand or adsorbent material. Pump over into a DOT-approved salvage drum. Place contaminated absorbent in a suitable container for disposal.			
Waste Disposal Method: This product contains material listed in EPA SARA Title III regulations. Contact Federal, state, and local authorities for current disposal and reporting requirements.			
Section VIII - Special Protection Information			
Respiratory Protection(specify type): Maintain adequate ventilation to prevent concentrations of vapors and mist above the TLV. If vapors or mist cannot be controlled, wear an approved respirator with an organic cartridge. Use caution when using materials on hot surfaces as this increases the evaporation rate producing additional quantities of vapors.			
Ventilation: Provide sufficient ventilation to prevent accumulations of vapors and mists.			
Local Exhaust: Provide local exhaust if general ventilation is insufficient to control vapors.			
Mechanical(general): Maintain adequate ventilation to prevent accumulations of vapors and mist.			
Protective gloves: Wear rubber gloves to prevent skin contact irritation and skin absorption.			
Eye Protection: Wear safety glasses or goggles to prevent eye contact.			
Other Protective Equipment: An eye wash and safety shower should be provided near the point of use.			
Section IX - Special Precautions			
Precautions to Be Taken in Handling and Storage: Do not freeze. Wear suitable protective equipment and clothing. Wash contaminated clothing thoroughly before reuse. Wash hands thoroughly after handling.			
Other precautions: Keep out of reach of children.			
Section X - User Responsibility			
The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.			