

MATERIAL SAFETY DATA SHEET**DWR-II Graffiti Remover***CUSTOMER*

NFPA 	HMS	RECEIVED MAR 17 2006 Facilities Management HEALTH AND SAFETY	
	HEALTH		1
	FLAMMABILITY		1
	REACTIVITY		0
	PERSONAL PROTECTION		

1. Product And Company Identification

Supplier Chemique, Inc. 315 N. Washington Avenue Moorestown, NJ 08057 Company Contact: E. Drazga Telephone Number: (856) 235-4161	Manufacturer Chemique, Inc. 315 N. Washington Avenue Moorestown, NJ 08057 Company Contact: E. Drazga Telephone Number: (856) 235-4161
Supplier Emergency Contacts & Phone Number INFOTRAC: (800) 535-5053	Manufacturer Emergency Contacts & Phone Number INFOTRAC: (800) 535-5053

Issue Date: 02/23/2004

Product Name: DWR-II Graffiti Remover
GAS Number: Not Established
Chemical Family: glycol ether-based cleaner/stripper
MSDS Number: 26

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
Dipropylene glycol Monomethyl Ether	34590-94-8	35 - 40
M-Pyrol	872-50-4	5 - 10
Poly (oxy-1, 2-ethanol), ALPHA-(Nonyphenol)-OMEGA-Hydroxy	9016-45-8	<Balance>
Propylene Carbonate	108-32-7	6 - 12
Propylene Glycol Monomethyl Ether	107-98-3	35 - 40

EMERGENCY OVERVIEW

CAUTION: EYE AND SKIN IRRITANT - May cause irritation to skin or mucous membranes from contact. May cause burning to eyes. If contact occurs, wash affected area with plenty of water. Contact a physician in case of ingestion.

3. Hazards Identification

Primary Route(s) Of Entry: Eyes: Yes Skin: Primary Inhalation: Possible Ingestion: Possible
Eye Hazards - Eye contact or high concentrations of vapor may cause moderate irritation, reversible redness, swelling and mucous discharge from the eyes.
Skin Hazards - Neither short-term nor long-term contact is not expected to be irritating or sensitizing to skin. However, mucous membranes may be mildly irritated from contact, causing redness, swelling and cracking.
Ingestion Hazards - Ingestion may cause gastrointestinal discomfort, resulting in nausea, vomiting, lethargy or diarrhea. More severe cases may result in central nervous system depression, respiratory arrest, and/or injury to the liver, lungs, and kidneys.
Inhalation Hazards - Inhalation of vapors, mists or spray may cause irritation to the nose, throat and respiratory tract.

MATERIAL SAFETY DATA SHEET**DWR-II Graffiti Remover****3. Hazards Identification - Continued**

Inhalation of high concentrations (i.e., over about 100 ppm) might be tolerated due to viscosity, but may cause headache, dizziness, nausea, poor coordination and lightheadedness.

Chronic/Carcinogenicity Effects - Product Carcinogenicity - NTP: No IARC: No OSHA: No ACGIH: No

Conditions Aggravated By Overexposure - Irritation from skin exposure may aggravate existing open wounds, skin disorders and dermatitis conditions.

4. First Aid Measures

Eye - In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 minutes. Hold eyelids apart to ensure adequate flushing. Get immediate medical attention.

Skin - Remove contaminated clothing immediately. Wash hands thoroughly with soap and water after use or contact. See a physician if redness or irritation occurs. Launder clothing before reuse.

Ingestion - If swallowed, call a physician immediately. ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

Inhalation - In case of inhalation, move person at once to fresh air and call a physician. Keep person quiet. If person is not breathing, ensure that the airway is open and administer CPR. If necessary, provide additional air or oxygen once breathing is restored. Seek medical care.

5. Fire Fighting Measures

Flash Point: 175 °F

Flash Point Method: COC

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Extinguishing Media - Use any extinguishing media which is suitable for the surrounding fire. Water spray or fog may be used to cool fire-exposed containers and structures.

Fire Fighting Instructions - Wear full protective clothing and self-contained breathing apparatus.

6. Accidental Release Measures

Ventilate area of spill or leak. Dike area ahead of spill to prevent entry into sewers or waterways. Absorb or neutralize with suitable material. Collect and place in suitable, labeled waste container. Rinse spill residue with water.

7. Handling And Storage

Handling And Storage Precautions - Store in a cool, dry, well-ventilated area. Separate from strong oxidizers.

Work/Hygienic Practices - Use good personal hygiene. Wash hands and exposed skin with soap and water after handling. Launder contaminated clothing before reuse. Do not consume food, drink or tobacco products in areas where they may be contaminated by this material.

8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general and local exhaust ventilation to prevent vapor buildup above the exposure limits of the ingredients. If misting or spraying can occur, local exhaust ventilation should be used.

Eye/Face Protection - Use safety glasses, goggles or face shield to prevent accidental eye contact.

Skin Protection - Neoprene, latex rubber, PVC, PVA or butyl rubber gloves should be used to prevent repeated contact.

Respiratory Protection - If ventilation is inadequate, use a NIOSH/MSHA-approved chemical cartridge respirator equipped with organic vapor cartridges. Protection afforded by air-purifying respirators is limited. Use a positive pressure, air supplied respirator if there is a potential for uncontrolled release, when exposure levels are not known, in oxygen deficient atmospheres, or any other circumstances where an air-purifying respirator may not provide adequate protection. When assessing the proper type of respiratory protection, also consider the occupational exposure limits applicable to individual ingredients.

MATERIAL SAFETY DATA SHEET**DWR-II Graffiti Remover****8. Exposure Controls/Personal Protection - Continued****Ingredient(s) - Exposure Limits**

Dipropylene glycol Monomethyl Ether

ACGIH TLV-TWA: 100 ppm ; ACGIH TLV-STEL: 150 ppm ; OSHA PEL-TWA: 100 ppm

M-Pyrol

No Exposure Limits Established By ; ACGIH or OSHA ; GAF TLV-TWA: 100 ppm (estimated)

Poly (oxy-1, 2-ethanol), ALPHA-(Nonyphenol)-OMEGA-Hydroxy

No Exposure Limits Established by A ; CGIH or OSHA

Propylene Carbonate

No Exposure Limits Established By ; ACGIH or OSHA

Propylene Glycol Monomethyl Ether

ACGIH TLV-TWA: 100 pp ; ACGIH TLV-STEL: 150 pp

9. Physical And Chemical Properties**Appearance** - Clear to amber viscous liquid.**Odor** - Slight glycol ether odor at low concentrations. Odor may be disagreeable over about 100 ppm.**Chemical Type:** Mixture**Physical State:** Liquid**Specific Gravity:** < 1**Vapor Pressure:** 1.78mm @ 25C**Solubility:** complete**10. Stability And Reactivity****Stability:** stable**Hazardous Polymerization:** will not occur**Conditions To Avoid (Stability)** - Keep away from excessive heat.**Incompatible Materials** - May react with strong oxidizing agents.**Hazardous Decomposition Products** - Thermal decomposition may release oxides of carbon and nitrogen.**11. Toxicological Information****Skin Effects** - Slight to Moderate Skin Irritant. Moderate Mucous Membrane Irritant.**Conditions Aggravated By Exposure** - Pre-existing skin disorders.**12. Ecological Information****Other Environmental Information** - Keep out of sewers, drainage and waterways. Report spills and releases, as applicable, under federal and state regulations.**13. Disposal Considerations**

Consult state regulations. Dispose of waste in accordance with all applicable federal, state and local government regulation.

14. Transport Information**Proper Shipping Name** - Not regulated**Hazard Class**

None

MATERIAL SAFETY DATA SHEET**DWR-II Graffiti Remover****15. Regulatory Information**

U.S. Regulatory Information - Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal reporting requirements. Consult those regulations applicable to your facility/operation.

SARA Hazard Classes

Chronic Health Hazard

Ingredient(s) - U.S. Regulatory Information

Dipropylene glycol Monomethyl Ether

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health Hazard; SARA - Fire Hazard

Propylene Glycol Monomethyl Ether

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Fire Hazard

State Regulations - Any spill or uncontrolled release of this product may be subject to state and/or local reporting requirements. This product and/or its constituents may also be subject to other regulations, such as right-to-know, at the state or local level. Consult those regulations applicable to your facility.

Ingredient(s) - State Regulations

Dipropylene glycol Monomethyl Ether

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance

M-Pyrol

Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance

Propylene Glycol Monomethyl Ether

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance

16. Other Information**NFPA Rating**

Health: 1

Fire: 1

Reactivity: 0

HMS Rating

Health: 1

Fire: 1

Reactivity: 0

Revision/Preparer Information

MSDS Preparer: E. Drazga

MSDS Preparer Phone Number: (856) 235-4161

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each



Product Information

DWR-II® Graffiti Remover

Description

DWR-II is a heavy duty, water rinseable cleaner and graffiti remover. A unique combination of surfactants and special solvents, DWR-II will dissolve, suspend and remove deeply imbedded markings, defacements and adhesive from a variety of surfaces.

DWR-II does not contain any chlorinated solvents, caustics or acids. It is environmentally safe and does not require any special handling or disposal procedures.

Uses

DWR-II can be used, without harm to: vinyl, stone, brick, masonry, ceramic, porcelain, fiberglass, chrome, aluminum, stainless, glass, formica, plastics, marble, wood and painted surfaces for the removal of graffiti. DWR-II works best on smooth surfaces and those treated with CPU-66/3®.

Preparation

Test to determine compatibility and dwell time before general use. Work in small, manageable areas. DWR-II will de-fat skin, wear solvent resistant gloves and goggles to avoid eye irritation.

Properties

Appearance	Clear/viscous liquid
Odor	Slight solvent
Flash Point	175°F (c.c.)
pH	N/A
lbs/gallon	8.0 - 8.2

Application

Do not dilute DWR-II. Apply to a dry surface, from the bottom up with a cloth or brush. Let stand for several minutes, depending on surface and contaminates. Agitate and rinse thoroughly. A second application may be necessary. If applying CPU-66/3 graffiti barrier, wait until surface is completely dry.

Packaged

DWR-II is available in pints (12/case), gallons (6/case), 5 gallon pails and 55 gallon drums.

Safety and Handling

For specific information, please refer to the material safety data sheet and the product information sheet.

Storage and Shelf Life

Store in a cool, dry place. Keep away from heat, sparks and flame. The shelf life for DWR-II is indefinite in closed containers. Read MSDS before use.

Ordering Information

Orders may be placed directly to:

