

Safety Data Sheet

Issue Date 25-Feb-2002

Revision Date: 18-Oct-2013

Version 1

1. IDENTIFICATION

Product Identifier

Product Name DWR II® Graffiti Remover

Other means of identification

SDS # CI-001

Recommended use of the chemical and restrictions on use

Recommended Use Graffiti remover.

Details of the supplier of the safety data sheet

Supplier Address

Chemique, Inc.
315 N. Washington Ave
Moorestown, NJ 08057

Emergency Telephone Number

Company Phone Number Business: 856-235-4161
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance liquid

Physical State Liquid

Classification

| | |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 2 |
|-----------------------------------|------------|

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed
May be harmful in contact with skin

Signal Word

Warning

Hazard Statements

Causes serious eye irritation



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear eye/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Unknown Acute Toxicity

11% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-------------------------------------|-------------|----------|
| Diethylene Glycol Diethylene Glycol | 112-34-5 | >75 |
| Propylene carbonate | 108-32-7 | 5-15 |
| HEP Solvent | 3445-11-2 | 5-15 |
| Surfactant | Proprietary | <2 |
| HEC Thickener | 9000-64-2 | <2 |

4. FIRST-AID MEASURES**First Aid Measures**

| | |
|---------------------|--|
| Eye Contact | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention. |
| Skin Contact | Wash off immediately with plenty of water. Get medical attention if necessary. |
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if necessary. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. Get medical attention if necessary. |

Most important symptoms and effects

| | |
|-----------------|--|
| Symptoms | Causes serious eye irritation. May be harmful in contact with skin. May be harmful if swallowed. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool fire-exposed containers.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

None known.

Hazardous Combustion Products Normal products of combustion.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|----------------------------------|--|
| Personal Precautions | Use personal protective equipment as required. Ventilate area of leak or spill. |
| Environmental Precautions | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information. |

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for Containment | Dike far ahead of liquid spill for later disposal. |
| Methods for Clean-Up | Soak up with inert absorbent material. Collect and place in suitable, properly labeled container for recovery or disposal. Rinse area with clean water and dry before permitting traffic. |

7. HANDLING AND STORAGE

Precautions for safe handling

| | |
|--------------------------------|---|
| Advice on Safe Handling | Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. |
|--------------------------------|---|

Conditions for safe storage, including any incompatibilities

| | |
|-------------------------------|---|
| Storage Conditions | Keep container tightly closed and store in a cool, dry and well-ventilated place. |
| Incompatible Materials | Strong oxidizing agents. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|-----------------------------------|---|
| <u>Exposure Guidelines</u> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|-----------------------------------|---|

Appropriate engineering controls

| | |
|-----------------------------|---|
| Engineering Controls | Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers. |
|-----------------------------|---|

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|--|
| Eye/Face Protection | Chemical safety goggles/faceshield. Safety glasses as a minimum for protection. |
| Skin and Body Protection | PVC, neoprene, rubber, or other impervious gloves are recommended to prevent skin contact. Use chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact. |
| Respiratory Protection | Ensure adequate ventilation, especially in confined areas. If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn. Use with adequate ventilation. NIOSH approved organic vapor or air-line respirators should be used where ventilation is inadequate. NIOSH approved air-line respirators with auxiliary escape air-tanks or self-contained breathing apparatus should be used in confined spaces. |

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|----------------|-----------------------|----------------|
| Physical State | Liquid | Odor | Not determined |
| Appearance | liquid | Odor Threshold | Not determined |
| Color | Not determined | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH | Not determined | |
| Melting Point/Freezing Point | Not determined | |
| Boiling Point/Boiling Range | Not determined | |
| Flash Point | Not determined | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | Liquid-not applicable | |
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | Not determined | |
| Water Solubility | Not determined | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Auto-ignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Extreme temperatures.

Incompatible Materials
Strong oxidizing agents.

Hazardous Decomposition Products
Normal products of combustion.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--------------------------------------|
| Eye Contact | Causes serious eye irritation. |
| Skin Contact | May be harmful in contact with skin. |
| Inhalation | Avoid breathing vapors or mists. |
| Ingestion | May be harmful if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|-----------------------|--------------------------|-----------------|
| Diethylene Glycol Diethylene Glycol 112-34-5 | = 3384 mg/kg (Rat) | = 2700 mg/kg (Rabbit) | - |
| Propylene carbonate 108-32-7 | = 29000 mg/kg (Rat) | > 20000 mg/kg (Rabbit) | - |
| Surfactant | > 90 mL/kg (Rat) | - | - |

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity 11% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|--|---|----------------------------|--|
| Diethylene Glycol Diethylene Glycol 112-34-5 | 100: 96 h Desmodemus subspicatus mg/L EC50 | 1300: 96 h Lepomis macrochirus mg/L LC50 static | | 2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50 |
| Propylene carbonate 108-32-7 | 500: 72 h Desmodemus subspicatus mg/L EC50 | 5300: 96 h Leuciscus idus mg/L LC50 static 1000: 96 h Cyprinus carpio mg/L LC50 semi-static | EC50 > 10000 mg/L 17 h | 500: 48 h Daphnia magna mg/L EC50 |

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

| Chemical Name | Partition Coefficient |
|---------------------------------|-----------------------|
| Propylene carbonate 108-32-7 | 0.48 |

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

| | |
|-------------------------------|---|
| Disposal of Wastes | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated Packaging | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

14. TRANSPORT INFORMATION

| | |
|--------------------|---|
| <u>Note</u> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <u>DOT</u> | Please contact manufacturer for most current information |
| <u>IATA</u> | Please contact manufacturer for most current information |
| <u>IMDG</u> | Please contact manufacturer for most current information |

15. REGULATORY INFORMATION

International Inventories

Not determined

Legend:*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances***US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|--|----------|----------|-------------------------------|
| Diethylene Glycol Diethylene Glycol - 112-34-5 | 112-34-5 | >75 | 1.0 |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Diethylene Glycol Diethylene Glycol 112-34-5 | X | | X |

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical Hazards

Not determined

Personal Protection

Not determined

Issue Date

25-Feb-2002

Revision Date:

18-Oct-2013

Revision Note

New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet