

SAFETY DATA SHEET

Product Name: Dreumex Surface Disinfecting Wipes



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Dreumex Surface Disinfecting Wipes

Other Identifiers: EPA Registration No. 1839-190

Recommended Use: Surface disinfection

SDS Supplier Address:

Dreumex USA, Inc
3285 Farmtrail Road
York, PA 17406 USA

Emergency Phone: 800-233-9382

Non-Emergency Phone: 717-767-6881

Fax: 717-767-6888

Email: dreumex@dreumex.com

Website: www.dreumex.com

For incidents only (spill, leak, fire, exposure, or accident), call CHEMTREC at
1-800-424-9300 (inside North America) [CCN 864796]
1-703-741-5970 (outside North America) [CCN 864796]
+41 61 313 94 94 (24h)

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquids:	Category 4
Eye Irritation:	Category 2B
Short-term (acute) aquatic hazard:	Category 2
Long-term (chronic) aquatic hazard:	Category 3

GHS Label Elements

Hazard symbol:	None
Signal Word:	Warning
Hazard Statements:	Combustible liquid. Causes eye irritation. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention:	Keep away from heat, sparks, flames, & hot surfaces Wash hands thoroughly after handling Avoid release to the environment Wear eye protection.
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, seek medical advice/attention. IN CASE OF FIRE: Use appropriate media to extinguish.

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Storage:	Store in original packaging away from direct sunlight. Environment should be well-ventilated. Avoid extreme temperatures and high humidity.
Disposal:	Dispose of contents/container in accordance with local and/or national regulations.
Other Hazards:	None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name / Synonyms	CAS No.	Concentration (% w/w)
Tetra sodium ethylenediamine tetra acetic acid (Na4 EDTA)	64-02-8	1 - < 3
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	< 0.2
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	< 0.2

SECTION 4: FIRST AID MEASURES

If Inhaled:	Remove to fresh air. Call a physician if symptoms develop or persist.
In case of skin contact:	If irritation occurs, wash immediately with plenty of soap and water. Consult a physician if irritation persists.
In case of eye contact:	Rinse immediately with plenty of water. Remove contact lenses if present. Continue rinsing. Seek medical advice/attention.
If swallowed:	Call a physician immediately. Rinse mouth thoroughly. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Most important symptoms & effects, acute & delayed:	Exposed individuals may experience eye tearing, redness, and discomfort.
Indication of immediate medical attention & special treatment needed:	If the product is ingested, probably mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.
General Information:	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water fog, foam, dry chemical powder, or carbon dioxide (CO ₂).
Unsuitable extinguishing media:	Do not use water jet as extinguisher, as this will spread fire.
Specific Hazards:	Product is combustible and heating may generate vapors that may form explosive vapor/air mixtures. During fire, gas hazardous to health may be formed.
Special protective equipment for firefighters:	In the event of fire, wear self-contained breathing apparatus and full protective clothing.
Fire fighting equipment/instructions:	In case of fire and/or explosion, do not breath fumes. Move containers from fire area if you can do so without risk.
Specific Methods:	Use standard firefighting procedures and consider the hazards of other involved materials.
General Fire Hazards:	Combustible liquid.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective Equipment & emergency procedures:	Keep unnecessary personnel away. Keep people away & upwind of spill. Eliminate all ignition sources. Wear appropriate PPE and clothing during clean up. Do not touch damaged containers or spilled material unless wearing appropriate PPE. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
Methods & Materials for Clean Up:	Eliminate all ignition sources (no smoking, flares, sparks, or flames in the area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. - Large Spills: Stop the flow of material if possible to do so without risk. Dike the spilled material where possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recover, flush area with water.

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- Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
- Never return spills to original containers for reuse.
- Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit & the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Environmental Precautions: Avoid release into the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses, or onto the ground.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling: Keep away from open flames, hot surfaces, and sources of ignition. Avoid contact with eyes & provide adequate ventilation. Wear appropriate PPE. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage: DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Store in a dry place that has a temperature between 50°F and 110°F. Keep away from heat, sparks, and open flame. Store in original tightly closed container. Store in a dry place out of direct sunlight. Make sure storage area is well ventilated and equipped with sprinklers.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Biological limit values: No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls: Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

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Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin protection:

Hand protection: Wear protective gloves.

Other:

Wear suitable protective clothing.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards:

Wear appropriate thermal protective clothing, when necessary. When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Physical State:	Liquid
Form:	Liquid saturated on wipe substrate
Color:	White towel. Expressed liquid is clear & colorless.
Odor:	fresh citrus
Odor Threshold:	Not Determined
pH:	11.2 – 12.2

Change in Condition:

Melting Point/Melting Range:	Not determined
Boiling Point/Boiling Range:	Not determined
Freezing Point:	Not determined
Flash Point:	196.6 °F (91.4 °C)
Flammability (solid,gas):	Not determined
Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Self-igniting Temperature:	Not determined
Danger of Explosion:	Not determined

Other Properties:

Explosion Limits:	Not determined
Vapor Pressure @ 20 °C:	Not determined
Relative Density:	Not determined
Vapor Density:	Not determined
Density:	8.38 lbs/gal
Solubility in/Miscibility with H ₂ O:	Not determined

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SECTION 10: STABILITY & REACTIVITY

Reactivity:	Stable & non-reactive under normal conditions
Chemical Stability:	Stable if stored & used as directed
Possibilities of Hazardous Reactions: Conditions to Avoid:	None known under conditions of normal use Avoid heat, sparks, open flames, & other ignition sources. Reacts violently with strong acids. May react with oxidizing agents. Do not mix with other chemicals. Avoid contact with incompatible materials.
Incompatible Materials:	Acids. Oxidizing agents
Hazardous Decomposition Products:	Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:	
Inhalation:	Prolonged inhalation may be harmful.
Skin Contact:	May cause mild skin irritation.
Eye Contact:	Causes eye irritation.
Ingestion:	Expected to be a low ingestion hazard.
Information on toxicological effects:	
Acute Toxicity:	Not available
Skin Corrosion/irritation:	May cause mild skin irritation
Eye damage/eye irritation:	Causes eye irritation.
Respiratory or skin sensitization:	
Respiratory sensitization:	Not available
Skin sensitization:	Product is not expected to cause skin sensitization.
Germ Cell Mutagenicity:	No data available to indicated product or any components present at > 0.1% are mutagenic or genotoxic.
Carcinogenicity:	None of the ingredients present in the product at levels greater than or equal to 0.1% have been found to be carcinogenic by NTP, IARC, OSHA, or ACGIH.

SECTION 12: EXCOLOGICAL INFORMATION

Ecotoxicity:	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Persistence and degradability:	No data is available on the degradability of this product.

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Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions:	Dispose of contents/container in accordance with local and/or national regulations.
Waste from residues/unused products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal Instructions).
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORTATION INFORMATION

General:	[For information purposes only: Note - Shipper/officer is responsible for confirming appropriate proper shipping name, hazard classification(s), packing group, marking, labeling, placarding, packaging, and other regulatory requirements applicable to packages offered for transport. These requirements may vary depending on the quantity of material, packaging, mode of transportation, and carrier.]	
DOT:	UN number:	NA1993
	UN proper shipping name:	COMBUSTIBLE LIQUID, N.O.S. (Ethanol)
Transport hazard class(es):	Class:	Combustible Liquid
	Subsidiary risk:	N/A
Packing Group:		III
Special precautions for user:	Read safety instructions, SDS, and emergency procedures before handling.	



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

This product is a U.S. EPA registered pesticide. EPA No.: 1839-190

This product is considered a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

→ Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

→ Not listed

SARA 304 Emergency release notification

→ Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

→ Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

→ Not listed

SARA 311/312 Hazardous chemical

→ Yes

→ Classified hazard categories: Flammable (gases, aerosols, liquids, or solids)
Serious eye damage or eye irritation

SARA 313 (TRI Reporting)

→ Not regulated

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

→ Not regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

→ Not regulated

Safe Drinking Water Act (SDWA)

→ Not Regulated

FIFRA Information

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets

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and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal Word: CAUTION

Hazard Statement: Causes moderate eye irritation.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory (NZIoC)	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Inventory (TCSI)	No
USA & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16: OTHER INFORMATION

This SDS is designed only as guidance for the product(s) to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subject to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer (nor the agents, directors, officers, contractors or employees of either) are liable to any party for any damages of any nature, including direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The receipt and use of this information constitutes consent to these terms and conditions.

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