

Safety Data Sheet


acc. to OSHA HCS

Printing date 04/20/2018
Reviewed on 06/26/2014

1 Identification

- **Product identifier**
Product Name Recommended Use Restrictions On Use
 - **Supplier's details**
GREENEX CLEAN GROUP LLC
238 St. Nicholas Avenue,
South Plainfield, NJ 07080
Telephone 732-360-5000
- #VDET-
GreenEX Advantage Detergent
Laundry Detergent
Do Not Use In A Manner Inconsistent With The Label.

2 Hazard(s) Identification

- **Classification**
Eye Irritation (Category 2A), Skin Irritation (Category 2)
- **Label Elements**
- **Signal Word**

Warning
- **Pictograms**
Exclamation Mark
- **Hazard Statements**
Causes Serious Eye Irritation And Skin Irritation.
- **Precautionary Statements**
wear chemical-splash goggles and chemical-resistant protective gloves. Avoid contact with eyes, skin, and clothing. Wash hands and affected areas thoroughly after handling.
- **First Aid**
- **If In Eyes**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical attention.
- **If on skin**
Wash with plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash it before reuse.
- **If swallowed**
Rinse mouth. If conscious, dilute by drinking up to a cupful of milk or water as tolerated.
- **Emergency Telephone**
1-866-923-4913
- **Keep Out Of Reach Of Children. For Commercial And Industrial Use Only.**
- **Hazards Not Otherwise Classified**
Not Applicable.

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3 Composition/Information on Ingredients

Hazardous Ingredient(S)	CAS #	Weight %
Nonoxynol	9016-45-9	90.0
2-Butoxyethanol	111-76-2	5.0

- **State Right To Know** See section 15 for state rtk chemical names in mixture.

4 First-Aid Measures

- **If In Eyes** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical attention.
- **If On Skin** Wash with plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash it before reuse.
- **If Swallowed** Rinse mouth. If conscious, dilute by drinking up to a cupful of milk or water as tolerated.
- **If Inhaled** No specific first aid measures are required.
- **Emergency Telephone** **1-866-923-4913**
- **Most Important Symptoms / Effects** Causes serious eye irritation and skin irritation.
- **Medical Conditions Aggravated** None known.
- **Note To Physician** Call 1-866-923-4913 for exposure management assistance.

5 Fire-Fighting Measures

- **Chemical Hazards** Eye and skin irritation. Non-flammable.
- **Combustion Product Hazards** Oxides of carbon and other fumes.
- **Methods** Select extinguisher and methods based on fire size and type.
- **Equipment** Wear scba and full protective gear as conditions warrant.
- **NFPA Rating** Health-2/flammability-0/ instability-0/special hazard-n.Ap.
- **Suitable Extinguishers** Water, dry chemical, CO² or foam suitable for fire.
- **Unsuitable Extinguishers** No restrictions based on chemical hazards.

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6 Accidental Release Measures

- **Personal Precautions** Evacuate unprotected personnel from area. Wear personal protection. Rubber boots recommended. See section 8. Ventilate area if needed. Be careful not to slip. Wash thoroughly after clean-up.
- **Environmental Precautions** Prevent spill from entering drain, storm sewer or surface waterway. Prevent water and soil contamination.
- **Clean-Up Methods** Small spills may be wiped up and rinsed with water. For larger spills, dike to contain. Pump to labeled container or absorb spillage and scoop up with inert absorbent material. After spill collection, rinse area with water and follow with normal clean-up procedures.

7 Handling and Storage

- **Handling** Follow all label directions. Instruct personnel about proper use, hazards, precautions, and first aid measures. Avoid contact with eyes, skin and clothing. Take off contaminated clothing and wash it before reuse. Do not taste or swallow. Product residue may remain on or in empty containers. Handle carefully to avoid damaging container.
- **Storage** Keep container closed when not in use. Storage at ambient temperatures in a dry area out of direct sunlight. Protect from freezing. Rotate stock regularly. Keep away from food and drink. Keep out of reach of children.

8 Exposure Controls/Personal Protection

- **Exposure Limits** Nonoxynol = none
2-Butoxyethanol = 20 ppm twa (acgih), 50 ppm twa-skin (osha)
- **Engineering Controls** General room ventilation is typically adequate.
- **Personal Protection**
 - Eyes** Chemical-splash safety goggles.
 - Hands** Chemical-resistant protective gloves (nitrile, neoprene or rubber).
 - Respiratory** Protective equipment not required.

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Feet	Protective equipment not required.
Body	Protective equipment not required.
Hygiene Measures	Handle in accordance with good hygiene and safety practice.

9 Physical and Chemical Properties

Appearance	Dark Royal Blue Liquid
Odor	Citrus
Ph Concentrate	8.0
Ph @ 2500 PPM Solution	N.Av.
Ph @ Use Dilution	N.Av.
Physical State	Liquid
Relative Density (Water)	1.060
Solubility (Water)	Complete
Vapor Pressure	N.Av.
Vapor Density	N. Av.
Viscosity	Slightly Viscous
Auto-ignition Temperature	N.Av.
Decomposition Temperature	N.Av.
Explosive Limits (LEL/UEL)	None
Evaporation Rate	N.Av.
Flammability (Solid, Gas)	N.Ap.
Flash Point	None
Initial Boiling Point/Range	N.Av.
Melting Point/Freezing Point	N.Av.
Odor Threshold	N.Av.
Partition Coeff. (N-Octanol/Water)	N.Av.
Other	N.Av.

10 Stability and Reactivity

• Reactivity	No hazard.
• Chemical Stability	Stable.
• Possibility of Hazardous Reactions	None known. Will not polymerize.

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| • Conditions to Avoid | Temperatures below 35°F (1.6°C) or above 120°F (49°C). |
| • Materials to Avoid | Direct mixing with other chemicals. Mix only with water. |
| • Hazardous Decomposition Products | None under normal conditions. |

11 Toxicological Information

- | | |
|---|---|
| • Routes of Exposure | Eyes, skin, ingestion, inhalation. |
| • Information on Routes of Exposure | No LC50/LD50 test data on mixture. |
| • Acute effects /symptoms | |
| Eyes | Causes serious eye irritation. May cause pain, redness and watering. |
| Skin | Causes skin irritation. May cause discomfort, drying and redness. |
| Ingestion | May cause irritation, nausea, vomiting and diarrhea. |
| Inhalation | None known. |
| • Chronic/Other Effects | No reportable germ cell mutagens, skin sensitizers, respiratory sensitizers, reproductive toxins or aspiration hazards. |
| • Specific Target Organs (Single/Repeated) | None known. |
| • Numerical Measures of Toxicity | Atemix (oral-rat) = above 2000 mg/kg |
| • Carcinogens | No reportable ACGIH, IARC, NTP, or OSHA carcinogens. |

12 Ecological Information

- | | |
|------------------------------------|----------------|
| • Ecotoxicity/Chemical Fate | Not available. |
|------------------------------------|----------------|

13 Disposal Considerations

- **Disposal Method**
Dispose of contents in accordance with all federal, state, and local applicable laws and regulations. Consult state and local authorities for restrictions on disposal of chemical waste. Manage chemical wastes through an approved waste treatment facility. Do not reuse empty container. Rinse empty container thoroughly with water before discarding container in accordance with current local community codes. Please recycle empty container whenever possible. See section 8 for exposure controls/personal protection to minimize exposure.

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14 Transport Information

- DOT/IMDG/IATA/TDG Not regulated

15 Regulatory information

- EPA Cercla RQ No
- EPA Registered No
- OSHA Hazardous Yes
- Phosphorus Content 0.00%
- Proposition 65 No
- SARA 311/312 Hazard Categories See section 2 for GHS hazard classes.
- SARA 313 Chemicals 2-Butoxyethanol
- State Right To Know Nonoxynol/9016-45-9, 2-butoxyethanol/111-76-2, wa-
ter/7732-18-5
- TSCA Inventory Status All components are listed on the inventory.
- VOC 5.00% calculation method used is based on california
arb standard.

16 Other information

- Preparation Date 8-8-19
- Prepared By RC
- Revised Section 16
- Abbreviations
 - N.Av. Not Available
 - N.Ap. Not Applicable

- Notice To Reader

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