

SECTION 1: Identification of the substance/mixture and of the company/undertaking

<u>Product identifier on label</u>	VerdeLNX GRN ELITE PRO
<u>Use</u>	Fertilizer
<u>Supplier or Manufacturer</u>	Aquatrols Corporation of America 1273 Imperial Way Paulsboro, NJ 08066 Phone number: 1-856-537-6003 info@aquatrols.com
<u>Emergency telephone</u>	FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: CHEMTREC 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

SECTION 2: Hazards identification

GHS Classification in accordance with 29 CFR 1910.1200

This product does not contain hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

<u>Signal Word (OSHA)</u>	None
<u>Hazard Statements</u>	May be harmful if swallowed. May cause irritation, redness and pain to the eyes. May cause irritation and redness at site of skin contact. May cause respiratory tract irritation if inhaled.
<u>Hazard Symbols</u>	None
<u>Precautionary Statements</u>	Eye: May cause irritation, redness and pain to the eyes. Use safety glasses or goggles. Skin: May cause irritation and redness as site of contact. May be harmful if absorbed through the skin. Use impermeable gloves and clothing when handling product. Ingestion: May cause nausea, vomiting and diarrhea if swallowed. May be harmful if swallowed. Inhalation: May cause respiratory tract irritation if inhaled. May be harmful if inhaled.

SECTION 3: Product Composition

Hazardous Components:

Chemical Name	CAS Number	Concentration
Alkylpolyglucoside	68515-73-1	< 2.0%

The remaining composition of this blend contains non-hazardous components.

SECTION 4: First aid measures

General advice:	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
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First Aid Response:

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain immediate medical attention if symptoms occur.

Ingestion: If swallowed do not induce vomiting. Wash out mouth with water. If conscious, give 2-4 cupfuls of milk or water. Consult a physician immediately. Never give any liquids by mouth to an unconscious person. Seek medical advice if feeling unwell.

Skin contact: Wash areas of contact with soap and water for 15 minutes. Remove any contaminated clothing and footwear. If irritation continues consult a physician.

Eye Contact: Immediately flush eyes with water for 15 minutes, occasionally lifting the upper and lower eyelids. Contact a physician.

Medical conditions or medications generally known to be aggravated by exposure to product: Not known.

Effects of chronic overexposure: May cause methemoglobinemia, characterized by dizziness, drowsiness, headache, breath shortness, cyanosis, rapid heart rate and chocolate-brown colored blood. May cause kidney injury.

Most important symptoms and effects, both acute and delayed: See sections 2 and 11.

SECTION 5: Firefighting measures

Suitable extinguishing media: Carbon dioxide, dry chemical powder, foam. Caution: CO₂ will displace air in confined spaces and may cause an oxygen deficient atmosphere.

Specific hazards during firefighting: None.

Special advice/equipment for firefighters: Burn vapors may be irritating to eyes, skin and the respiratory tract. Firefighters should utilize self-contained breathing apparatus (SCBA) and full firefighting gear.

SECTION 6: Accidental release measures**Personal precautions, protective equipment, and emergency procedures**

Use personal protection recommended in Section 8. Contain and isolate any hazard area from unprotected personnel. Avoid substance contact. Ensure adequate ventilation.

Environmental precautions

If possible spread small quantities on turf, lawn or garden soil. For larger spills, absorb liquid spills with absorbent; contain material and dispose of at an approved landfill in accordance with local, state and federal regulation. Finish cleaning by spreading water on contaminated surfaces and dispose of in an approved landfill in accordance with local, state and federal regulations. Don't allow product to enter drains. Prevent further leakage or spills if safe to do so. If the product contaminates rivers or drains inform respective authorities.

Methods and materials for containment and cleaning up

If material is released or spilled: collect spilled liquid with absorbent and dispose of appropriately. Keep away from drinking water.

SECTION 7: Handling and storage**Advice on safe handling**

Use with adequate ventilation. Keep container away from heat sources. Do not ingest. Do not breathe vapors. Do not pour on skin. If ingested, seek medical advice immediately and show the container or the label on the container. Avoid contact with skin and eyes. For

personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of content and/or container in accordance with local, regional and/or national regulations. Avoid handling conditions which may allow for leaks and spills of this material.

Conditions for safe storage

Store out of direct sunlight. Store in a cool, dark place that is well ventilated. Keep container closed when not in use. Mix well before use.

SECTION 8: Exposure controls/personal protection

Engineering controls:	Use with local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. If usage results in the generation of fumes or mist, use adequate ventilation to keep exposure to airborne contaminants below exposure limits.
Personal protection:	Wear protective safety glasses, lab coat or apron, NIOSH particle respirator and gloves when handling.
Respiratory protection:	Wear NIOSH approved particle respirators if applying as a mist or spray. Follow the OSHA respirator regulations found in 29 CFR 1910.134.
Ventilation:	Use with adequate ventilation.
Protective gloves:	Use with nitrile gloves.
Eye protection:	Use with safety glasses or goggles.
Other protective clothing:	Protective clothing to minimize skin contact should be worn. Wear closed-toe shoes when using product. Keep hair pulled back and out of face/eye area when using. Wear long sleeve shirts, pants and socks. Wash thoroughly with soap and water after handling and before eating, drinking or smoking.

SECTION 9: Physical and chemical properties

Appearance	Dark brown liquid
Odor	Earthy/amine
pH (10% in DI water)	9.0-9.6
Melting point/freezing point (C)	Not measured
Initial boiling point and boiling range (C)	Not measured
Specific Gravity	1.09-1.12
Density (lb/gal)	9.09-9.25
Decomposition temperature (C)	Not measured
Viscosity (cps)	<200 cps

Other information

No other relevant information.

SECTION 10: Stability and reactivity

Reactivity	No dangerous reaction known or expected under conditions of normal use.
Chemical stability	Stable at room temperature. No decomposition if stored and applied as directed.
Possibility of hazardous reactions	Will not occur.
Incompatibility (materials to avoid)	Incompatible with strong oxidizing agents, strong acids, aluminum, phosphorous, zinc, antimony, boron, germanium, combustible and flammable als (e.g. alkyl resins, asphalt, gasoline, grease, methyl acetone, polystyrene, polyurethane), titanium, thorium carbide, carbon, metal sulfides, sodium phosphinate, sodium thiosulfate, calcium disilicide, zirconium, tin chloride, acetic acid, finely powdered metals, sulfur, ammonium chloride.

Hazardous decomposition products Decomposing plastic fumes from containers, oxides of phosphorous, nitrogen oxides, ammonia and/or derivatives, oxygen.

Conditions to avoid Do not store above 100F as container may rupture.

SECTION 11: Toxicological information

Respiratory or skin sensitization

Skin sensitization	May cause irritation and redness at the site of contact. May be harmful if absorbed through the skin.
Respiratory sensitization	May cause respiratory tract irritation if inhaled. May be harmful if inhaled.
Germ cell mutagenicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Skin corrosion/irritation:	May cause irritation and redness at the site of contact. May be harmful if absorbed through the skin.
Ingestion:	May cause nausea, vomiting, and diarrhea if swallowed. May be harmful if swallowed.
Numerical Measures of Toxicity:	Not classified based on available information.

SECTION 12: Ecological information

Ecotoxicity Avoid contaminating waterways.

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil No data available

Aquatic toxicity No data available

Other adverse effects/information: Avoid release to the environment.

SECTION 13: Disposal considerations

Safe handling: Wash hands thoroughly after handling. Contaminated clothing to be decontaminated before re-use.

Disposal methods: Waste must be disposed of in accordance with federal, state, and local regulations. Triple rinse container and recycle empty containers at appropriate recycling facilities.

SECTION 14: Transport information

US DOT Not regulated as hazardous for shipment.

SECTION 15: Regulatory information**HMIS Hazard Rating**

Health	1
Flammability	0
Reactivity	0

NFPA Hazard Ratings

Health	1
Flammability	0
Reactivity	0

SECTION 16: Other information

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. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in another manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.