


SAFETY DATA SHEET		
VerdeLNX GRN DEFENSE		
Revision: 1.0 US	Issuing date: 09.12.2024	

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

<u>Product identifier on label</u>	VerdeLNX GRN DEFENSE
<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


<u>GHS Classification in accordance with 29 CFR 1910.1200</u>	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. Harmful to aquatic life.
<u>Hazard Symbols</u>	None
<u>Precautionary Statements</u>	Use appropriate personal protective equipment (PPE) such as gloves and safety goggles. 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. Use impermeable gloves and clothing when handling product. Ingestion: May cause nausea, vomiting and diarrhea if swallowed. Inhalation: May cause respiratory tract irritation if inhaled. Store in original container out of reach of children. Dispose of contents/container in accordance with local/regional/national regulations.

SECTION 3: Product Composition

<u>Hazardous Components:</u>		
<u>Chemical Name</u>	<u>CAS Number</u>	<u>Concentration</u>
Alkylpolyglucoside	68515-73-1	< 1.0%
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. Never give anything by mouth to an unconscious person.
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First Aid Response:

- Inhalation:** Move to fresh air and ventilate suspected area. If you feel unwell, seek medical advice.
- Ingestion:** If swallowed rinse mouth. Do NOT induce vomiting. Obtain medical attention.
- Skin contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. If irritation continues consult a physician.
- Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention.

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

Most important symptoms and effects, both acute and delayed: Prolonged exposure can cause irritation.

SECTION 5: Firefighting measures

- Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media:** Do not use a heavy water stream, as it may spread fire.
- Specific hazards during firefighting:** None. Product is not considered flammable. Product is not explosive. Hazardous reactions will not occur under normal conditions. May react vigorously with incompatible materials. May release toxic and corrosive fumes including ammonia, nitrogen oxides, and phosphorus oxides.
- Special advice/equipment for firefighters:** Exercise caution when fighting any chemical fire. Do not breathe fumes from fires or vapors from decomposition. Use water spray or fog for fooling exposed containers. Do not enter area without proper protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Use personal protection recommended in Section 8. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapor, mist or spray. Ensure adequate ventilation.

Environmental precautions

Do not allow product to enter drains or waterways. 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. 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

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. Hygiene Measures: Handle in accordance with good

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industrial hygiene and safety procedures. Use with adequate ventilation. Avoid handling conditions which may allow for leaks and spills of this material.

Conditions for safe storage

Keep container closed when not in use. Store in a dry, cool place. Keep/store out of direct sunlight, extremely high or low temperatures, and incompatible materials.

SECTION 8: Exposure controls/personal protection

Engineering controls:	Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Personal protection:	Wear gloves, protective clothing and protective goggles.
Respiratory protection:	In case of inadequate ventilation or where exposure levels are not known wear approved respiratory protection.
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. Wash thoroughly with soap and water after handling and before eating, drinking or smoking.


SECTION 9: Physical and chemical properties

Appearance	Light amber liquid
Odor	Slightly sweet
pH (5% in DI water)	6.5-7.5
Melting point/freezing point (C)	Not measured
Initial boiling point and boiling range (C)	Not measured
Specific Gravity	1.35-1.37
Density (lb/gal)	11.25-11.46
Decomposition temperature (C)	Not measured
Viscosity (cps)	<200 cps

Other information No other relevant information.

SECTION 10: Stability and reactivity

Reactivity	Hazardous reactions will not occur under normal conditions. May react vigorously with incompatible materials. May release toxic and corrosive fumes including ammonia, nitrogen oxides, and phosphorus oxides.
Chemical stability	Stable under recommended handling and storage conditions.
Possibility of hazardous reactions	Will not occur.
Incompatibility (materials to avoid)	Strong acids, strong bases, strong oxidizers.
Hazardous decomposition products	Thermal decomposition generates: Carbon oxides (CO, CO ₂). Potassium oxides. Nitrogen oxides. Irritating or toxic vapors.
Conditions to avoid	Direct sunlight, extremely high or low temperatures, and incompatible materials.

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SECTION 11: Toxicological information

Respiratory or skin sensitization

Skin sensitization	Prolonged exposure may cause skin irritation.
Respiratory sensitization	Prolonged exposure may cause respiratory irritation.
Germ cell mutagenicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Skin corrosion/irritation:	Prolonged exposure may cause skin irritation.
Ingestion:	Ingestion may cause adverse effects.
Numerical Measures of Toxicity:	Not classified based on available information.

SECTION 12: Ecological information

<u>Ecotoxicity</u>	Avoid contaminating waterways.
<u>Persistence and degradability</u>	No data available
<u>Bioaccumulative potential</u>	No data available
<u>Mobility in soil</u>	No data available
<u>Aquatic toxicity</u>	No data available
<u>Other adverse effects/information:</u>	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		NFPA Hazard Ratings	
Health	1	Health	1
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0

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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.