
Greenology Products, Inc.

SAFETY DATA SHEET

Revision Date: 09/17/2015

SECTION 1: Identification

Product Name: Greenshield Organic Toilet Bowl Cleaner
(All Variants)

Identifier Uses: For Public, Commercial & Institutional Use

Supplier: Greenology Products, Inc.
8305 Falls of the Neuse Road Suite 206, Raleigh NC 27615
Tel: 919-518-0908 / 877-473-3650

Emergency Telephone: Transportation Emergency (ChemTel 24 hours): 1-800-255-3924
International Emergency (ChemTel 24 hours): +01-813-248-0585
MSDS and Product Information (8am-5pm EST): 877-473-3650

SECTION 2: Hazards Identification

Pictogram(s): No pictogram required.

Signal Word: None identified.

Hazard Statements: None identified.

Precautionary Statements: P102 Keep out of reach of children.
P103 Read label before use.
P234 Keep only in original container.

Contains: Acetic Acid, Citric Acid

GHS Classification:

Physical and Chemical Hazards: Not classified.
Human Health: Not classified.
Environment: Not classified.

OSHA Regulatory Status: This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Inhalation: No specific symptoms noted.
Ingestion: No specific symptoms noted.
Skin contact: May cause mild skin irritation.
Eye Contact: Prolonged contact may cause redness and/or tearing.
Routes of Exposure: No information available.
Other Hazards: Not applicable.

SECTION 3: Composition/Information on Ingredients

This product does not contain hazardous chemicals at or above a reportable level as defined by OSHA 29 CFR 1910.1200.

SECTION 4: First Aid Measures

Description of First Aid Measures:

General Information:	According to Hazard Communications Standard CFR 29 1910.1200.
Inhalation:	If breathing difficulties are noticed move to fresh air. If irritation persists, seek medical attention.
Ingestion:	If swallowed, do not induce vomiting. Drink one or two glasses of water. If discomfort persists, seek medical attention.
Skin Contact:	Wash exposed area with water. If irritation persists, seek medical attention.
Eye Contact:	Flush eyes with water. If irritation persists, seek medical attention.

Most Important Symptoms and Effects, both Acute and Delayed:

General Information:	The severity of the symptoms described will vary dependent of the concentration and the length of exposure.
Inhalation:	No specific symptoms noted.
Ingestion:	No specific symptoms noted.
Skin contact:	May cause mild skin irritation.
Eye contact:	Prolonged contact may cause redness and/or tearing.
Routes of Exposure:	No information available.
Notes To The Physician:	No additional information available.

SECTION 5: Firefighting Measures

Auto Ignition Temperature (°C):	No information available.
Flammability Limit - Lower (%):	No information available.
Flammability Limit - Upper (%):	No information available.
Flash point:	No information available.
Extinguishing Media:	Use fire-extinguishing media appropriate for surrounding materials.
Hazardous Combustion Products:	None under normal conditions.
Unusual Fire & Explosion Hazards:	No unusual fire or explosion hazards noted.
Special Fire Fighting Procedures:	Avoid breathing fire vapors. Cool containers exposed to flames with water until after the fire is out.
Protective Equipment for Fire-fighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

SECTION 6: Accidental Release Measures

Personal Precautions:	Wash thoroughly after handling.
Environmental Precautions:	Outside of normal use, avoid release to the environment.
Spill Clean Up Methods:	Dike large spills. Clean residue from spill site.

SECTION 7: Handling and Storage

Handling:	Use under well-ventilated conditions. Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Avoid prolonged or repeated contact. Do NOT ingest. Wash thoroughly after handling. Rinse container before disposal. Do NOT reuse containers for other purposes. Do not use contact lenses.
Usage Description:	Use only according to directions.
Storage Precautions:	Do not store near heat sources or expose to high temperatures. Recommended storage temperature is between 2 (°C) to 43 (°C) or 35 °F to 110 °F. Store product in original shipping container or tanks designed for product storage. Product performance is not affected by freezing. Thaw product and provide simple agitation if frozen. Empty containers may contain product residue and should not be reused.

SECTION 8: Exposure Controls and Personal Protection

Ingredient Comments:	ACGIH or OSHA exposure limits have not been established for this product.
Respiratory Equipment:	No special requirements.
Hand Protection:	No special requirements.
Eye Protection:	No special requirements.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance:	Slightly viscous.
Color:	Opaque white to yellow.
Odor:	Mild.
Odor Threshold – Lower:	No information available.
Odor Threshold – Upper:	No information available.
PH-Value Solution:	2.5
Freeze Point:	32.0 °F
Initial Boiling Point and Boiling Range:	212.0° F
Flash Point:	No information available.
Evaporation Rate:	No information available.
Flammability State:	No information available.
Flammability Limit - Lower (%):	No information available.
Flammability Limit - Upper (%):	No information available.
Vapor Pressure:	No information available.
Vapor Density (air=1):	No information available.
Relative Density:	1.01g/cm ³ @ 25.0 °C
Bulk Density:	No information available.
Solubility:	Completely soluble in water.

Decomposition Temperature:	No information available.
Partition Coefficient:	No information available.
Auto Ignition Temperature (°C):	No information available.
Viscosity:	No information available.
Explosive Properties:	Under normal conditions of storage and use, hazardous reactions will not occur.
Oxidizing Properties:	No information available.
Molecular Weight:	No information available.
Volatile Organic Compound:	No information available.

SECTION 10: Stability and Reactivity

Reactivity:	Reaction may occur water reactive materials, burning metals and electrically energized equipment. Reactions may occur with strong oxidizing materials.
Stability:	Stable under normal temperature conditions and recommended use.
Hazardous Polymerization:	Will not polymerase.
Hazardous Decomposition Products:	None under normal conditions.
Conditions to Avoid:	Avoid exposing to heat and contact with strong oxidizing substances.
Materials to Avoid:	Avoid contact with strong oxidizing materials. Reaction may occur water reactive materials, burning metals and electrically energized equipment. Do not mix with bleach or any other household cleaner.

SECTION 11: Toxicological Information

Toxicological Information	No toxicological information for the overall finished product.
Acute Toxicity (Oral LD50):	No information available.
Acute Toxicity (Dermal LD50):	No information available.
Acute Toxicity (Inhalation LC50):	No information available.
Skin Corrosion/Irritation:	No information available.
Respiratory Sensitization:	No information available.
Skin Sensitization:	No information available.
Reproductive Toxicity:	No information available.
Carcinogenicity	No information available.
NTP - Carcinogenicity	The product and its components are not listed.
OSHA - Carcinogenicity	The product and its components are not listed.
IARC Carcinogenicity	The product and its components are not listed.
<u>Specific Target Organ Toxicity - Single Exposure:</u>	
STOT - Single Exposure:	No information available.
<u>Specific Target Organ Toxicity - Repeated Exposure:</u>	
STOT - Repeated Exposure	No information available.

SECTION 12: Ecological Information

Ecotoxicity:	The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.
Acute Toxicity – Fish:	No information available.
Acute Toxicity - Aquatic:	No information available.
Invertebrates	
Acute Toxicity - Aquatic Plants:	No information available.
Degradability:	The product is readily biodegradable.
Bioaccumulative Potential:	The product contains potentially bio-accumulating substances.
Mobility	Completely soluble in water.
Results of PBT and vPvB Assessment:	The product does not contain any PBT or vPvB Substances.
Other Adverse Effects:	No information available.

SECTION 13: Disposal Considerations

Waste Management	Observe all local, national and international regulations. When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal Methods	Do NOT dump into any sewers, on the ground or into any body of water. Rinse containers before disposal. Since emptied containers contain product residue, follow label warnings Even after container is emptied. Do NOT reuse empty containers. Dispose in accordance with all applicable federal, state and local laws and regulations.

SECTION 14: Transport Information

UN Number

UN No. (DOT/TDG):	Not applicable.
UN No. (IMDG):	Not applicable.
UN No. (IATA):	Not applicable.

Proper Shipping Name

DOT/TDG Proper Shipping Name:	Not applicable.
IMDG Proper Shipping Name:	Not applicable.
IATA Proper Shipping Name:	Not applicable.

Transport Hazard Class (es):

DOT/TDG Class:	Not applicable.
IMDG Class:	Not applicable.
IATA Class:	Not applicable.

Packing Group(s):

DOT Packing Group:	Not applicable.
IMDG Packing Group:	Not applicable.
IATA Packing Group:	Not applicable.

Special Precautions for User:

EMS:	Not applicable.
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Environmentally Hazardous Substance/Marine Pollutant:

AD:	No
IMDG:	No
IAT	No

SECTION 15: Regulatory Information

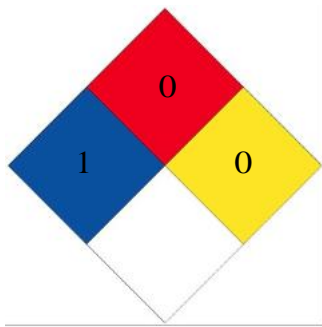
US Federal Regulations:

All ingredients of this product are listed or excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

US State Regulations:

California Proposition 65 Carcinogens and Reproductive Toxins None Listed.

SECTION 16: Other Information

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)**HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)**

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	D

Revision Comments This is first issue
Revision Date 09/17/2015
Revision 1

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.