

Product Name: G-Clean Fire Retardant  
Product ID: 1295, 1296  
Revision Date: May 3, 2014  
1 of 7 pages



## MATERIAL SAFETY DATA SHEET

### Section 1: Chemical Product and Company Identification

General Product Name: G-Clean Heavy Duty Degreaser  
Synonyms: None  
Product Description: Bio-based Cleaner/Degreaser  
CAS Number: Mixture  
Manufacturer: **Green Earth Technologies, Inc.**  
1136 Celebration Blvd.  
Celebration, Florida 34747, U.S.A.  
Phone: (877) 438-4761  
Technical Assistance: (877) 438-4761

### Section 2: Hazards Identification

Appearance: Slightly Viscous Liquid, Light Amber  
Odor: Faint Odor  
Principal Hazards: **This material has no known health hazards**

**As defined by OSHA's Hazard Communication Standard, this product is Non-Hazardous**

### Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Weight %</b>
Filtered Water	7732-18-5	30 – 60%
Coconut Fatty Acid	61788-47-4	10 - 22%
Coconut Oil	8001-31-8	8 – 15%
D-Glycopyranoside, hexyl	64366-70-7	3 – 10%
Palm Oil	8002-75-3	2 – 8%
Potassium Sorbate	590-00-1	1 – 6%



#### Section 4: First Aid Measures

**Eyes:** No evidence of adverse effect.  
**Skin or Skin Absorption:** No evidence of adverse effect.  
**Inhalation:** No evidence of adverse effect.  
**Ingestion:** No evidence of adverse effect.  
**Potential Health Effects:** No evidence of adverse effect.  
**Chronic Effects:** No evidence of adverse effect.  
**Medical Conditions**  
**Aggravated by exposure:** None known.  
**Additional Information:** Note to physician: No specific Instructions.  
See Section 11 for Toxicology and Carcinogenicity information on product ingredients

#### Section 5: Fire Fighting Measures

**Flammable Properties:** As defined by OSHA, this product is non-flammable.  
**Flash Point:** None (TCC)  
**Auto ignition Temperature:** NE  
**Firefighting Procedures:** No special precautions needed.  
**Explosion Sensitivity to Impact:** None  
**Unusual Fire & Explosion Hazards:** Not determined.  
**This material will not burn. Use extinguishing media appropriate for surrounding fire.**

#### Section 6: Accidental Release Measures

**Personal Precautions:** Evacuate the area as the floor may be slippery. Use care to prevent spills and falls.  
**Method for Cleanup:** Rinse area thoroughly with water. This product is safe to wash into waste systems.

#### Section 7: Handling and Storage

**Handling Procedures:** No special procedures needed.  
**Storage Procedures:** Store in a cool, well-ventilated area. Avoid low temperatures.



## Section 8: Exposure Controls/Personal Protection

<b>Exposure Limits:</b>	All components have vacated values for exposure or hazard due to denaturing when added to proprietary base compound.
<b>Engineering Controls:</b>	None Required.
<b>Gloves Procedures:</b>	None Required.
<b>Eye Protection:</b>	None Required.
<b>Respiratory Protection:</b>	None Required.
<b>Clothing Recommendation:</b>	None Required.
<b>Other Safety Equipment:</b>	None Required.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Explosion Data:</b>	Not Established
<b>Vapor Pressure:</b>	Not Established
<b>pH:</b>	9.9-10.7
<b>Specific Gravity @ 60° F:</b>	0.997
<b>Water Solubility:</b>	Complete
<b>Percent Volatile:</b>	Not Established
<b>Volatile Organic Compound:</b>	VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59
<b>Vapor Density:</b>	Not Established
<b>Evaporation Rate:</b>	Not Established
<b>Odor:</b>	Faint Odor
<b>Appearance:</b>	Light Amber
<b>Viscosity:</b>	Slightly Viscous
<b>Boiling Point:</b>	214°F
<b>Freezing Point:</b>	25°F

## Section 10: Stability and Reactivity

<b>Stability:</b>	Stable
<b>Decomposition Temp.:</b>	Not Established
<b>Incompatibility:</b>	None Known
<b>Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Not determined



## Section 11: Toxicological Information

### \*ACUTE EXPOSURE \*

<b>Eye Irritation:</b>	None
<b>Skin Irritation:</b>	None
<b>Respiratory Irritation:</b>	None
<b>Dermal Toxicity:</b>	None
<b>Inhalation Toxicity:</b>	None
<b>Oral Toxicity:</b>	None
<b>Dermal Sensitization:</b>	None
<b>Inhalation Sensitization:</b>	None

### \*CHRONIC EXPOSURE\*

<b>Chronic Toxicity:</b>	None
<b>Carcinogenicity:</b>	This product does not contain any known or suspected human carcinogens.
<b>Mutagenicity:</b>	None
<b>Reproductive Toxicity:</b>	None
<b>Teratogenicity:</b>	None

### \*ADDITIONAL INFORMATION\*

<b>Other:</b>	No other health hazards known.
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## Section 12: Ecological Information

### \*ENVIRONMENTAL TOXICITY\*

<b>Freshwater Fish Toxicity:</b>	None
<b>Freshwater Invertebrates Toxicity:</b>	None
<b>Algal Inhibition:</b>	None
<b>Saltwater Fish Toxicity:</b>	None
<b>Saltwater Invertebrates Toxicity:</b>	None
<b>Bacteria Toxicity:</b>	None
<b>Miscellaneous Toxicity:</b>	None

### \*ENVIRONMENTAL FATE\*

<b>Biodegradation:</b>	This product is readily biodegradable
<b>Bioaccumulation:</b>	This material displays no potential to bio concentrate.



### Section 13: Disposal Considerations

**Waste Disposal:** Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems. Always dispose as per Federal, State or Local regulations.

### Section 14: Transport Information

<b>ICAO/IATA (US):</b>	Not regulated
<b>ICAO/IATA (International):</b>	Not regulated
<b>IMDG:</b>	Not regulated
<b>IMDG EMS Fire:</b>	Not applicable
<b>IMDG EMS Spill:</b>	Not applicable
<b>IMDG MFAG:</b>	Not applicable
<b>IMO Marine Vessel:</b>	Not applicable
<b>US Barge:</b>	Not applicable
<b>USCG Compatibility:</b>	Not determined
<b>U.S. DOT Bulk:</b>	Not regulated
<b>U.S. DOT Non-bulk:</b>	Not regulated
<b>DOT NAERG:</b>	Not applicable
<b>TDG Bulk:</b>	Not regulated
<b>TDG Non-bulk:</b>	Not regulated
<b>Mexico:</b>	Not regulated
<b>Mexico Non-bulk:</b>	Not regulated
<b>Bulk Quantity:</b>	85000 liters, 22457 gal.
<b>Non-bulk Quantity:</b>	207.8 liters, 55 gal.

*Review classification requirements before shipping materials at elevated temperatures.*

### Section 15: Regulatory Information

**\*Global Chemical Inventories\***

<b>USA:</b>	All ingredients in this product are exempt .
<b>OTHER TSCA Reg.:</b>	None known
<b>EU:</b>	All components are in compliance with the EC Seventh amendment directive 92/32/EEC
<b>Japan:</b>	All components are in compliance with the Chemical Substances Control Law of Japan.

Product Name: G-Clean Fire Retardant  
Product ID: 1295, 1296  
Revision Date: May 3, 2014  
6 of 7 pages



**Australia:** All components are in compliance with chemical notification requirements in Australia.

**Canada:** All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

**Switzerland:** All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

**Korea:** All components are in compliance in Korea

**Philippines:** All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969)

**China:** All components of this product are listed on the Inventory of Existing Chemical Substances in China.

**\*Other U.S. Federal Regulations\***

**SARA Ext. Haz. Subst.:** This product does not contain any chemical substance on the SARA Extremely Hazardous Substances list.

**SARA Section 313:** This product does not contain any chemical substances listed under SARA Section 313.

**SARA 311 Classification:**

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

**CERCLA Hazardous Substances:**

None Known

**FDA Approval:**

Not Applicable

**\*Product Registrations\***

**U.S. Fuel Registration:** Not applicable

**U.S. Dept of Agriculture:** Not registered

**NSF Nonfood Compounds Registration:** Not registered

**Finnish Registration:** Not registered

**Swedish Registration:** Not registered

**Norwegian Registration:** Not registered

**Danish Registration:** Not registered

**Swiss Registration:** Not registered

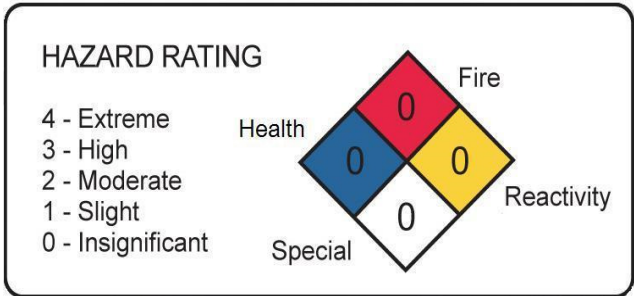
**Italian Registration:** Not registered

Product Name: G-Clean Fire Retardant  
 Product ID: 1295, 1296  
 Revision Date: May 3, 2014  
 7 of 7 pages



**Korean Registration:** Not registered  
**New Zealand Registration:** Not registered  
**TDG Regulated Limit:** None known

Section 16: Other Information



**US NFPA Codes:**

Health	Fire	Reactivity	Special
0	0	0	None Established

**HMIS Codes:**

Health	Fire	Reactivity
0	0	0

**Precautionary Labels:** **“This material has no known health hazards”**

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