



**Section 1. Product and Company Identification**

**Product Name:** Green Clean & Degreaser  
**Product use:** Concrete chemical hardener.  
**Effective Date:** June 21, 2016



**Manufacturer Information:** Green Umbrella  
20 Jet View  
Rochester, NY 14624  
Telephone number: 844-200-7336

**USA Emergency Phone Number:**  
**INFOTRAC (24-hr/7 days): 1-800-535-5053**  
**Outside the United States call, collect 1-352-323-3500**  
**For Medical Emergency - Call 1-800-535-5053**

**Section 2. Ingredients and Hazards Identification**

INGREDIENTS					
COMPONENT	CAS #	EINECS No	OSHA PEL	ACGIH TLV	Percent
Proprietary enzymes	NE	NE	NE	NE	????
Propylene glycol	57-55-6	200-338-0	NE	NE	> 1
Water	7732-18-5	231-791-2	NA	NA	????
Fragrance	Proprietary	NA	NA	NA	< 1

**Note! Proprietary ingredients are enzymes.**  
**Potential Acute Health Effects:** The product is slightly acidic, near neutral.  
Eyes: May Cause eye irritation  
Skin: May cause irritation to the skin  
Inhalation: Vapors may cause respiratory irritation  
Ingestion: Harmful if swallowed

**Section 3. Hazard Identification**

The primary routes of entry are eyes, skin and respiratory.  
Immediate Health Effects: May cause allergic respiratory reaction.  
Eye Contact: May Cause irritation.  
Skin: Contact with the skin may cause irritation  
Ingestion: May cause headache, dizziness, nausea and vomiting.  
Inhalation: The vapor from this product may cause allergic respiratory reaction.  
Delayed or other Health Effects: None determined.  
Target Organs: Lungs.

**Section 4. First Aid Measures**



Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING, drink two glasses of water. Never give anything by mouth to an unconscious person.

**Section 5. Fire Fighting Measures**

Flash Point: > 212 °F (100 °C)

Flammability Limits: NE

Fire Fighting Media: Dry chemical, carbon dioxide, and water spray.

Special Fire Fighting Procedures: First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE).

**Section 6. Accidental Release Measures**

Clean-up Procedures: Wear proper PPE. Stop the source of the release if you are not put at risk. Use a shovel to pick up product for reuse or disposal.

Spills and Leaks: Dispose in accordance to local, state or federal regulations.

**Section 7. Handling and Storage**

Handling: DO NOT FREEZE or store over 170 °F (76.6 °C). Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

Storage: Store in original labeled container. Keep in cool and dry areas.

**Section 8. Exposure Control/Personal Protection**

Introductory Remarks: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

Hands: Chemical resistant gloves

Respiratory: Wear an approved respirator that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None

**Section 9. Physical and Chemical Properties**

<b>Odor/Color</b>	Odorless and clear medium green liquid.	<b>Boiling Point</b>	212 °F (100 °C)
<b>pH (water solution)</b>	6.8	<b>Specific gravity(water=1)</b>	1.01



VOC	0%		
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**Section 10. Stability and Reactivity**

**Chemical Stability:** Considered stable under normal ambient temperatures.  
**Hazardous Decomposition:** If complete combustions oxides of calcium and silicate are formed.  
**Hazardous Polymerization:** Will not occur  
**Incompatibility~ Materials to Avoid:** May react with strong oxidizing agents and strong acids.

**Section 11. Toxicological Information**

**Acute Eye Irritation:** Irritant.  
**Acute Skin Irritation:** Chronic exposure may be very irritating.  
**Acute Dermal Toxicity:** Not expected to be toxic through the skin.  
**Acute Inhalation Toxicity:** Not determined, may be an irritant to the respiratory system.  
**Carcinogenic Effects:** None.  
**Existing Medical Conditions Aggravated by Exposure:** Exposure to eyes and skin may cause irritation to pre-existing conditions.  
**Oral LD<sub>50</sub> (rat):** > 2000 mg/kg.

**Section 12. Ecological Information**

**Environmental Fate:** This product should be expected to be biodegradable and mobile in soil.

**Section 13. Disposal Considerations**

**Waste Disposal Method:** Whatever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations.  
**Container Handling and Disposal:** All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

**Section 14. Transport Information**

**US DOT Ground Classification:** Not regulated  
**Regulated by IATA:** Not regulated  
**Regulated by IMO:** Not regulated

**Section 15. Regulatory Information**

EPCRA 311/312 Categories:	Immediate (Acute) Health Effects:	Yes
	Delayed (Chronic) Health Effects:	Yes
	Fire Hazard:	No
	Sudden Release of Pressure	No
	Reactivity:	No



Material Safety Data Sheet

GREEN CLEAN & DEGREASER

Right to know classification: Listed for the states of PA and MN.

TSCA: Propylene glycol is listed.

Reportable Quantity (RQ): None

Prop. 65: None.

WHMIS: Xi (Irritant to the eyes and skin)

Listed in chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

Abbreviations:

AICS	Australian Inventory of Chemical Substances
CAS #	Chemical Abstract Service Number
°C	Celsius temperature scale
°F	Fahrenheit temperature scale
ECL	Korean Existing Chemicals List
EEC	European Economic Commission
ENCS	Japanese Existing and New Chemical List
EINECS #	European Inventory of Existing Chemical Substances Number
EU	European Union
(Israel)	2001 proposed list of chemical substances to be regulated under Israel Hazardous Substances Law and Regulations List
MAC	Netherlands
MAK	Germany
MITI	Ministry of International trade and Industry
NA	Not applicable
NE	Not established
PEL	Permissible Exposure Limit
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PPE	Personal Protective Equipment
Prop.	Proprietary
NA	Not applicable
ND	Not determined
STEL	Short Term Exposure Limit
SWISS	Giftliste 1
SWISS	Inventory of Notified New Substances
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TWA	Time Weighted Average
(Taiwan)	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086
USA	United States of America
UK	United Kingdom
VOC	Volatile Organic Content

**Section 16. Other Information**

**Hazardous Material Information (HMIS)**

**National Fire Protection Association (NFPA)**

Health	2	0	Health
Fire	1	1	Fire
Reactivity	0	0	Instability



Material Safety Data Sheet

GREEN CLEAN & DEGREASER

Personal Protection	J		NA
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Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard  
 Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 > 200 °C 0 Will not burn  
 Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

**Risk phrases:** R20, Harmful by inhalation and R22, harmful if swallowed.

**Safety phrases:** S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.

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