

Section 1. Product and Company Identification

Product Name: Green Clean Neutral Cleaner Maintainer



Corrosive



Irritant

Product use: Concrete cleaner

Effective Date: June 21, 2016

Manufactured BY: 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

Hazardous Components

Component	CAS #	EINECS No	OSHA PEL	ACGIH TLV	Percent
Water	7732-18-5	231-791-2	NA	NA	68-72
Colloidal silicate	7631-86-9	231-545-4	6 mg/m ³	10 mg/m ³	13-15
Surfactant	Proprietary	NA	NA	NA	> 1
Green apple fragrance	Proprietary	NA	NA	NA	< 1
Green dye	Proprietary	NA	NA	NA	< 1

Colloidal silicates may cause cancer from long-term exposure.

Potential Acute Health Effects: DANGER! The product is corrosive.

Eyes: Causes eye irritation

Skin: Expected to cause irritation to the skin

Inhalation: Vapors may cause respiratory irritation

Ingestion: Harmful or fatal if swallowed

Section 3. Hazard Identification

The primary routes of entry are eyes, skin and respiratory.

Immediate Health Effects:

Eye Contact: Causes irritation.

Skin: Contact with the skin is expected to cause irritation

Ingestion: May cause headache, dizziness, nausea and vomiting.

Inhalation: The vapor from this product may cause respiratory irritation.

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. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flash Point: Not flammable

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 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

Odor/Color	Odorless and clear green liquid.	Melting Point	1076 °F (580 °C)
pH (water solution)	11-13	Vapor Density(air=1)	< 1.0
Specific gravity(water=1)	> 1		

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: Corrosive.

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, expected to be an irritant to the respiratory system.

Carcinogenic Effects: Calcium silicate

Existing Medical Conditions Aggravated by Exposure: Exposure to eyes and skin may cause irritation to pre-existing conditions.

Oral LD₅₀ (rat): 7340 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

Right to know classification: Listed in CA, PA, MN, MA, MI, NJ and RI.

TSCA: None of the ingredients are listed.

Reportable Quantity (RQ): None

Prop. 65: Colloidal silicates

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
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	Giftlist 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

Section 16. Other Information

Hazardous Material Information (HMIS)

National Fire Protection Association (NFPA)

Health	2	2	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	J		NA

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: R34, Causes burns; R36, Irritating to eyes; R37, Irritating to respiratory system; R38, Irritating to skin and R45, May cause cancer.

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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