

GREENUMBRELLA®

DeepClean & Maintain

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME DeepClean & Maintain
PRODUCT USE Subsurface/Surface Cleaner for concrete with conditioner
EFFECTIVE DATE March 1, 2021

MANUFACTURER INFORMATION: Green Umbrella
20 Jetview Drive
Rochester, NY 14624
TELEPHONE: 844-200-7336



USA EMERGENCY PHONE NUMBERS:

INFOTRAC (24 HOUR/7 DAYS): 1-800-535-5053
OUTSIDE THE UNITED STATES CALL COLLECT: 1-352-323-3500
FOR MEDICAL EMERGENCY: 1-800-535-5053

2. HAZARDOUS IDENTIFICATION

GHS PICTOGRAMS:



GHS SIGNAL WORD: WARNING

Avoid contact with eyes and skin. Keep out of reach of children.
This product may be harmful if it is inhaled or swallowed.

POTENTIAL HEALTH EFFECTS:

CODE OF HAZARD STATEMENTS:

PHYSICAL HAZARDS: None
HEALTH HAZARDS: H303 - May be harmful if swallowed
H312 - Harmful in contact with skin
H319 - Causes Serious eye irritation
H333 - May be harmful if inhaled

ENVIRONMENTAL HAZARDS: None

CODE OF PRECAUTIONARY STATEMENTS:

PREVENTION STATEMENTS:

P202 - Do not handle until all safety precautions have been read and understood
P262 - Do not get in eyes, on skin or on clothing
P264 - Wash thoroughly after handling or using this product
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P284 - Wear respiratory protection

2. HAZARDOUS IDENTIFICATION (CONTINUED)

RESPONSE STATEMENTS:

- P312 - Call a POISON CENTER or a doctor/physician if you feel unwell
 P331 - DO NOT induce vomiting
 P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P352 - Wash with plenty of soap and water
 P362 - Take off contaminated clothing and wash before reuse

- STORAGE:** P403 - Store in a well-ventilated place
 P404 - Store in a closed container
 P412 - Do not expose to temperatures exceeding 60

ROUTES OF ENTRY: Eye contact, skin absorption, ingestion and inhalation

CARCINOGENICITY: None known at this time

3. INGREDIENTS AND HAZARDS IDENTIFICATION

COMPONENTS	CAS#	EINECS NO.	% BY WEIGHT	REACH REG #
PROPRIETARY	Prop.	Prop.	>40	No
PROPRIETARY	Prop.	Prop.	>8	No
WATER	7732-18-5	231-791-2	Balance	No

*Undisclosed ingredients are withheld as trade secrets

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.

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).

6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP PROCEDURES: Wear proper PPE. Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill. Use plastic shovel to pick up absorbent for disposal.

SPILLS AND LEAKS: Dispose in accordance to local, state or federal regulations.

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. Do not exceed 60°C (140°F). Do not freeze.

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 (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES

ODOR/COLOR	PH (CONCENTRATE)	PH (SOLUTION)	VOC
None/Clear	7.9	7.5	< 50 g/L
SOLUBILITY	VAPOR PRESSURE	DENSITY	BOILING POINT
100% in water	<2.2 torr @ 68°F (20°C)	>1 @ 68°F (20°C)	212°F (100°C)

EVAPORATION RATE

> 1.0

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Considered stable under normal ambient temperatures.

HAZARDOUS DECOMPOSITION: If complete combustion, oxides of carbon and silicates are formed.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY - MATERIALS TO AVOID: May react with strong oxidizing agents and strong acids.

11. TOXICOLOGICAL INFORMATION

ACUTE EYE IRRITATION: Irritating

ACUTE SKIN IRRITATION: Chronic exposure may be 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: None

EXISTING MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE: Exposure to eyes and skin may cause irritation to pre-existing conditions

12. ECOLOGICAL INFORMATION

ECO-TOXICITY: The toxicity of this product has not been determined.

ENVIRONMENTAL FATE: This product should be expected to be readily bio-degradable.

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 recycled or disposed of according to local, state and Federal regulations.

14. TRANSPORT INFORMATION

GROUND CLASSIFICATION: _____ Not regulated by the US DOT

SHIPPING NAME: _____ DeepClean & Maintain

TECHNICAL SHIPPING NAME: _____ Concrete Cleaner

UNFIC: _____ None

ID NUMBER: _____ None

PACKAGING GROUP: _____ None

LABELS: _____ No US DOT Labels

NOT REGULATED BY IATA OR IMO

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: One ingredient is listed in NJ.

TSCA: All ingredients listed or exempt from listing.

REPORTABLE QUANTITY (RQ): None

PROP. 65: None listed

WHMIS:  Xi (Irritant to the eyes and skin)

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

ABBREVIATIONS:

CAS #	Chemical Abstract Service Number	<	Less Than or Equal To
EINECS	European Inventory of existing Commercial Chemical Sales	>	Greater Than or Equal To
°C	Celsius temperature scale	CNS	Central Nervous System
°F	Fahrenheit temperature scale	CI	China
PROP.	Proprietary	DSL	Canada
PPE	Personal Protective Equipment	ECL	Korean Existing Chemicals List
TLV	Threshold Limit Value	EEC	European Economic Commission
TWA	Time Weighted Average	ENCS	Japanese Existing and New Chemical List
STEL	Short-term Exposure Limit	EU	European Union
PEL	Permissible Exposure Limit	MAC	Netherlands
OSHA	Occupational Safety & Health	MAK	Germany
NIOSH	National Institute of Safety & Health	MITI	Japan
NFPA	National Fire Protection Agency	PICCS	Philippines
WHMIS	Workplace Hazardous Materials Information System	SWISS	Giftlist 1
NTP	National Toxicology Program	UK	United Kingdom
IARC	Int. Agency for Research on Cancer	USA	United States
RCRA	Resource Conservation Recovery Act	VOC	Volatile organic content
TSCA	Toxic Substance Control Act	ACGIH	American Conference of Government Industrial Hygienists
EC50	Effective Dose	SARA	Superfund Amendments and Reauthorization Act
LC50	Lethal Inhalation Concentration	AICS	Australian Inventory of Chemical Substances
LD50	Lethal Dose	IARC	International Agency for Research on Cancer
CAS	Chemical Abstract Service Number	TAIWAN	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086
LEL	Lower explosive limit		
UEP	Upper explosive limit		
NDA	No Data Available		
ND	Not determined		
NE	None established		
NA	Not Applicable		

16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION (HMIS)

NATIONAL FIRE PROTECTION ASSOCIATION(NFPA)

Health	1	1	Health
Fire	1	1	Fire
Reactivity	0	0	Instability
Personal Protection	C		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:

- R36 - Irritating to eyes
- R37 - Irritating to respiratory system
- R38 - Irritating to skin

SAFETY PHRASES:

- S2 - Keep out of reach of children
- S24 - Avoid contact with skin
- S25 - Avoid contact with eyes
- S37 - Wear suitable gloves
- S39 - Wear eye/face protection



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