

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

CLASSIFICATION FOR THE UNDILUTED PRODUCT:

Skin, corrosion/irritation	Category 1
Eye damage/eye irritation	Category 1

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
H313 - May be harmful in contact with skin
H319 - Causes Serious eye irritation

ENVIRONMENTAL HAZARDS: None

2. HAZARDOUS IDENTIFICATION (CONTINUED)

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
- P281 - Use personal protective equipment as required.

RESPONSE STATEMENTS:

- P303 – If on skin or hair, gently wash with plenty of soap and water.
- P312 - Call a POISON CENTER or a doctor/physician if you feel unwell
- P301+P330+P331 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
- P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P363 - Wash contaminated clothing before reuse.

STORAGE:

- P403 - Store in a well-ventilated place
- P404 - Store in a closed container
- P412 - Do not expose to temperatures exceeding 60° C (140 °F). Do not freeze

ROUTES OF ENTRY: Eye contact, skin absorption & ingestion

CARCINOGENICITY: None known at this time

CLASSIFICATION FOR THE DILUTED PRODUCT: 1:512

This product, when diluted, as stated on the label (Technical Data Sheet and Application Sheet), is not classified as hazardous according to OSHA 29, CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

DeepClean & Maintain

HAZARD AND PRECAUTIONARY STATEMENTS:

None required.

3. INGREDIENTS AND HAZARDS IDENTIFICATION

COMPONENT	CAS#	EINECS NO.	% BY WEIGHT	REACH REG #
ALCOHOLS	68439-51-0	931-986-9	40-60%	No
DODECYLDIMETHYLAMINE OXIDE	1643-20-5	216-700-6	8-10%	No
WATER	7732-18-5	231-791-2	Balance	No

*Undisclosed ingredients are withheld as trade secrets

4. FIRST AID MEASURES

UNDILUTED PRODUCT:

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, and clean thoroughly before reuse. Seek medical attention if irritation persists.

INHALATION: No specific first aid measures are required.

INGESTION: IF A SUBSTANTIAL AMOUNT IS SWALLOWED: Call a Poison Center (1-800-535-5053) or doctor/physician if you feel unwell.

DILUTED PRODUCT:

EYE CONTACT: Rinse with plenty of water.

SKIN CONTACT: No specific first aid measures are required.

INHALATION: No specific first aid measures are required.

INGESTION: IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

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, absorbent mat or pad) to absorb the spill. Use a shovel to pick up granular 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

EXPOSURE GUIDELINES: This product, as applied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

UNDILUTED PRODUCT: DeepClean & Maintain

ENGINEERING MEASURES TO REDUCE EXPOSURE: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT - It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace to determine the necessity, selection, and use of personal protective equipment.

- EYES:** Wear Safety Goggles or Safety Glasses.
- HANDS:** Chemical-resistant gloves.
- BODY:** No personal protective equipment is required under normal use conditions.
- RESPIRATORY:** No personal protective equipment is required under normal use conditions.
- HYGIENE MEASURES:** Handle in accordance with good industrial hygiene and safety practices.

DILUTED PRODUCT:

ENGINEERING MEASURES TO REDUCE EXPOSURE: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT -

- EYES:** No personal protective equipment is required under normal use conditions.
- HANDS:** No personal protective equipment is required under normal use conditions.
- BODY:** No personal protective equipment is required under normal use conditions.
- RESPIRATORY:** No personal protective equipment is required under normal use conditions.
- HYGIENE MEASURES:** Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES

ODOR/COLOR None/Clear	PH (CONCENTRATE) 7.9	PH (SOLUTION) 7.5	VOC < 50 g/L	SOLUBILITY 100% in water
VAPOR PRESSURE <2.2 torr @ 68°F (20°C)	DENSITY >1 @ 68°F (20°C)	BOILING POINT 212°F (100°C)	EVAPORATION RATE > 1.0	

DILUTED PRODUCT:

DILUTION PH: 7.5	DILUTION FLASH: N/A	VOC% BY WT. AT DILUTION: <0.0001%
----------------------------	-------------------------------	---

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	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:	Do not mix with any other product or chemical unless approved by Green Umbrella.

11. TOXICOLOGICAL INFORMATION**UNDILUTED PRODUCT:**

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:	None
CARCINOGENIC EFFECTS:	None
EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Exposure to eyes and skin may cause irritation to pre-existing conditions

DILUTED PRODUCT:

ACUTE EYE IRRITATION:	May cause minor irritation.
ACUTE SKIN IRRITATION:	May cause skin irritation.
ACUTE DERMAL TOXICITY:	Not expected to be toxic through the skin.
ACUTE INHALATION TOXICITY:	None
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

UNDILUTED PRODUCT:

WASTE FROM RESIDUES / UNUSED PRODUCTS : This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA Subtitle C, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA HAZARD CLASS Not Regulated

CONTAINER HANDLING AND DISPOSAL: All containers should be recycled or disposed of according to local, state and Federal regulations

DILUTED PRODUCT:

WASTE FROM RESIDUES / UNUSED PRODUCTS : This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA subtitle C, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA HAZARD CLASS Not Regulated

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

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	>	Greater Than or Equal To
	Commercial Chemical Sales	CNS	Central Nervous System
°C	Celsius temperature scale	CI	China
°F	Fahrenheit temperature scale	DSL	Canada
PROP.	Proprietary	ECL	Korean Existing Chemicals List
PPE	Personal Protective Equipment	EEC	European Economic Commission
TLV	Threshold Limit Value	ENCS	Japanese Existing and New Chemical List
TWA	Time Weighted Average	EU	European Union
STEL	Short-term Exposure Limit	MAC	Netherlands
PEL	Permissible Exposure Limit	MAK	Germany
OSHA	Occupational Safety & Health	MITI	Japan
NIOSH	National Institute of Safety & Health	PICCS	Philippines
NFPA	National Fire Protection Agency	SWISS	Giftliste 1
WHMIS	Workplace Hazardous Materials Information System	UK	United Kingdom
NTP	National Toxicology Program	USA	United States
IARC	Int. Agency for Research on Cancer	VOC	Volatile organic content
RCRA	Resource Conservation Recovery Act	ACGIH	American Conference of Government Industrial Hygienists
TSCA	Toxic Substance Control Act	SARA	Superfund Amendments and Reauthorization Act
EC50	Effective Dose	AICS	Australian Inventory of Chemical Substances
LC50	Lethal Inhalation Concentration	IARC	International Agency for Research on Cancer
LD50	Lethal Dose	TAIWAN	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086
CAS	Chemical Abstract Service Number		
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



GREEN UMBRELLA®

Architectural Concrete Systems

DISCLAIMER:

The information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best of Green Umbrellas' knowledge. Because use conditions and applicable laws may differ from one location to another and may change with time, recipient is responsible for determining whether the information is appropriate for recipient's use. Since company has no control over how this information may be ultimately used, all liability is expressly disclaimed and company assumes no liability.