

Safety Data Sheet

Revision Date: 02-23-2016
Product Code: 8500

1. IDENTIFICATION

Product Name	BIODEGRADABLE CLEANER
Product Code	8500
Document ID	G8500-1
Revision Number	2
Prior Version Date	06-08-2015
Intended Use	Water Reducible Cleaner
Restrictions On Use	For Industrial Use Only
Chemical Family	Detergent Concentrate
Chemical Manufacturer / Importer	NEOGARD, a Division of Hempel (USA), Inc. 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 International: 703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

Hazard Pictograms



GHS Classification

Serious Eye Damage/Eye Irritation Category 1
Skin Sensitisation Category 1
Skin Corrosion/Irritation Category 2

Signal Word

Danger

Hazard Statements

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

Precautionary Statements

Prevention

Avoid breathing dust, fume, mist, vapours or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection and face protection.

Response

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards Not Otherwise Classified (HNOC)

Not applicable

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Additional Information

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
Alkoxylated Alcohols	27252-75-1	7 - 13
Sodium Bicarbonate	144-55-8	1 - 5
Alcohols, C12-18 ethoxylated	68213-23-0	1 - 5
(d)-Limonene	5989-27-5	0.1 - 1

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion	Severely irritating. Do not induce vomiting. Seek medical attention immediately. Drink 2 glasses of water or milk to dilute. Never give anything by mouth to an unconscious person.

Most Important Acute Symptoms and Effects Not Available

Most Important Delayed Symptoms and Effects Not Available

Special treatment needed: No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
Unsuitable Extinguishing Media	No data available
Special Protective Equipment and Precautions for Fire-Fighters	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Will not burn, no special instructions available. Use methods appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.
Methods and Material for Containment and Cleaning Up	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal.

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7. HANDLING AND STORAGE

Precautions for Safe Handling

Overexposure may be harmful. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for Safe Storage

Store in a cool dry place. Keep container(s) closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
No data available			

Appropriate Engineering Controls Respiratory Protection

Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.

General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.

Eye Protection Skin Protection

Wear safety glasses with side shields when handling this product.

Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.

General Hygiene Conditions

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State
Color

Liquid
Brown

Odor

No data available

Odor Threshold

No data available

pH

No data available

Melting Point/Freezing Point (°F/°C)

No data available / No data available

Initial Boiling Point and Boiling Range

Low (°F)

No data available

Flammability (solid, gas)

No data available

Upper Flammable/Explosive Limit

No data available

Lower Flammable/Explosive Limit

No data available

Vapor Density

No data available

Relative Density

1.047

Solubility in Water

Complete; 100%

Partition coefficient: n-octanol/water

No data available

Auto-ignition Temperature

No data available

Decomposition Temperature:

No data available

Volatiles, % by volume

76.11

Volatiles, % by weight

73.90

Volatile Organic Chemicals (g/L)

(Regulatory, Calculated)

18.89

(Actual, Calculated)

4.62

Density

8.64 - 8.84 lbs./Gal

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

No data available

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Conditions to Avoid

No data available

11. TOXICOLOGICAL INFORMATION

Routes of Exposure

Eye contact
Skin contact
Inhalation

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation

Harmful if inhaled. Causes nose and throat irritation.

Skin Absorption

May be harmful if absorbed through skin.

Eye Contact

May cause eye burns.

Ingestion Toxicity

Toxic if swallowed. May cause target organ failure and/or death. This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

Long-Term (Chronic) Health Effects

No data available

Product Toxicology Data

Inhalation Dust/Mist Acute Toxicity Estimate (ATE) 23.54 mg/L

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Alcohols, C12-18 ethoxylated	Oral LD50 Rat 2100 mg/kg		
alkyl ether of corn sugar	Oral LD50 Rat > 2000 mg/kg	Dermal LD50 Rat > 2000 mg/kg	

Carcinogen Information

Chemical Name

Not applicable

IARC Carcinogen

OSHA Carcinogen

NTP Carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available)

No data available

Mobility in soil

No data available

13. DISPOSAL CONSIDERATIONS

Safe Handling of Waste

Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Not Regulated

Marine Pollutant: No

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15. REGULATORY INFORMATION

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

Regulated Components

SARA EHS Chemicals

	<u>CAS #</u>	<u>%</u>
Ethylene oxide	75-21-8	< 1 ppm

CERCLA

Not applicable

SARA 313

Not applicable

SARA 311/312

Health (Acute):	Y
Health (chronic):	N
Fire (Flammable):	N
Pressure:	N
Reactivity:	N

U. S. State Regulations:

California Prop 65 Chemicals

Cancer

	<u>CAS #</u>	<u>%</u>
1,4-Dioxane	123-91-1	< 1 ppm
Ethylene oxide	75-21-8	< 1 ppm

Reproductive

Methyl Alcohol	67-56-1	0.1 - 1
Ethylene oxide	75-21-8	< 1 ppm

Canadian Regulations:

CEPA DSL:

The components of this product ARE listed on the Canadian Domestic Substances List.

16. OTHER INFORMATION

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Disclaimer This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.