

SAFETY DATA SHEET

Revision date: 2019/04/25

Version No: 3

Compliant with 29 CFR §1910.1200 HCS 2012

Compliant with HPR WHMIS 2015

Deep Clean Outdoor

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Deep Clean Outdoor
Chemical Name.	Microbial preparation
Declared activity	Bacterial count
Use of the substance/preparation	Professional use. For use in cleaning applications.
Contact Manufacturer	NOVOZYMES BIOLOGICALS INC 5400 Corporate CircleSalem, VA 24153USA
Information Telephone Number	1-540-389-9361 (work hours)
Emergency Telephone Number	1-800-424-9300 (Chemtrec) 24 hours every day

2. HAZARDS IDENTIFICATION

Classification

Classification of the chemical in accordance with 29CFR §1910.1200

WHMIS Classification

Serious eye damage/eye irritation Category 1

Label elements

Danger

Hazard statements

H318 - Causes serious eye damage

Precautionary Statements - Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTRE or doctor/physician



Hazards not otherwise classified (HNOC)

Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
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novozymes

Ethoxylated Alcohols, C9-C11	68439-46-3	10 - 30
Benzenesulfonic acid, C10-16-alkyl derivs	68584-22-5	1 - 5

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Skin Contact	Wash off immediately with soap and plenty of water
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Slightly flammable according to HMIS criteria.
Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	None.
Hazardous Combustion Products	None.

Specific Hazards Arising from the Chemical May cause allergic respiratory reaction.

Protective Equipment and Precautions for Firefighters Self-contained breathing apparatus and standard turn-out apparel.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	For personal protection see section 8.
Environmental Precautions	Collect spillage.
Methods for cleaning up	Avoid formation of dust and aerosols. Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a HEPA (High Efficiency Particulate Air) filter. Flush remainder carefully with plenty of water. Avoid splashing, high pressure washing or compressed air cleaning to avoid formation of aerosols. Ensure sufficient ventilation. Wash contaminated clothing.
Other Information	For personal protection see section 8.

7. HANDLING AND STORAGE

Handling	Avoid formation of dust and aerosols. Ensure adequate ventilation
Storage Temperature	Keep tightly closed in a dry and cool place. 10-25 °C (50-77 °F).

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Storage Conditions

In unbroken packaging - dry and protect from the sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperatures or higher humidity may lead to a higher dosage requirement.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls
Engineering Controls

Ensure adequate ventilation, especially in confined areas
Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or other engineering controls to control airborne levels. Additional handling and healthy/safety information is available upon request

Personal Protective Equipment
Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment that meets HEPA/P100 specifications

Eye Protection
Skin and body protection
General Hygiene Considerations
Environmental exposure controls

Wear safety glasses with side shields (or goggles)
Wear protective gloves and protective clothing
Handle in accordance with good industrial hygiene and safety practice
Local authorities should be advised if significant spillages cannot be contained

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Off-white to light brown
Odor	Slight fermentation odor
Odor threshold	No information available
Boiling Point/Range	No information available
Melting Point/Range	No information available
Flash Point	> 100 °C
Freezing point 1	No information available
Flammability (solid, gas)	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available
Autoignition temperature	No information available
Vapor Pressure	No information available
Decomposition temperature	No information available
Vapor Density	No information available
Density (g/ml)	1.03
Evaporation rate	No information available
Solubility	Soluble
Partition Coefficient (n-octanol/water)	No information available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions

Conditions to Avoid
None

Materials to avoid
None

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Hazardous Decomposition Products
 None

Possibility of hazardous reactions
 None

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Chemical name	Acute oral toxicity	Acute inhalation toxicity	Skin corrosion/irritation	Serious eye damage/eye irritation
Ethoxylated Alcohols, C9-C11	LD50: 300- 2000 mg/kg bw (OECD401)	No data available	Not irritating (OECD TG 404)	Risk of serious damage to eyes
Benzenesulfonic acid, C10-16-alkyl derivs	LD50: 300 -2000 mg/kg bw	No data available	Irritating	Irritating

Chemical name	Specific target organ toxicity (single exposure)	Genetic toxicity	Skin sensitization	Respiratory sensitization
Ethoxylated Alcohols, C9-C11	No data available	No mutagenic effect	non-sensitising	no data available
Benzenesulfonic acid, C10-16-alkyl derivs	No data available	No data available	No data available	No data available

12. ECOLOGICAL INFORMATION

Toxicity

Chemical name	Daphnia, acute	Algae, acute	Fish, acute
Ethoxylated Alcohols, C9-C11	EC50 (48 hours): 5 - 10 mg/l	EC50 (72 hours): 10 - 100 mg/l	LC50: 1 - 10 mg/l
Benzenesulfonic acid, C10-16-alkyl derivs	No data available	No data available	No data available

Persistence/Degradability

Chemical name	Persistence and degradability	Partition coefficient (n-octanol/water)
Ethoxylated Alcohols, C9-C11	Readily biodegradable (OECD TG 301B)	LogPow: <0
Benzenesulfonic acid, C10-16-alkyl derivs	No data available	LogPow: <0

Bioaccumulative Potential

Bioaccumulation is unlikely

Chemical name	Bioaccumulative Potential
Ethoxylated Alcohols, C9-C11	No data available
Benzenesulfonic acid, C10-16-alkyl derivs	Does not bioaccumulate

Mobility in soil
 Not relevant

Other adverse effects
 No information available

13. DISPOSAL CONSIDERATIONS

Disposal of wastes

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Contaminated Packaging
Dispose of wastes in an approved waste disposal facility.

Environmental hazards
not applicable

responsibility of the customer to determine the conditions of safe use of these products.

End of Safety Data Sheet

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