



# SAFETY DATA SHEET

Revision date: 08/20/2015

Revision number: 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** HerbaExtract Odor Eliminator & Cleaner  
**Product Code** 7039911

### Recommended use of the chemical and restrictions on use

**Recommended Use** Odor Control.  
**Uses advised against** Please refer to Product Data Sheet

### Details of the supplier of the Safety Data Sheet

**Contact Manufacturer** Novozymes Biologicals Inc.  
5400 Corporate Circle  
Salem, VA, USA 24153

**Contact Distributor** Golden Environmental Products Inc.  
2207 Simcoe Rd. 93  
Barrie, ON. L4M 4Y8

**Information Telephone Number** 1-540-389-9361, 8am - 4:30pm EST M-F

**Emergency Telephone Number** 1-800-424-9300 (Chemtrec) 24 hours every day

## 2. HAZARDS IDENTIFICATION

### Classification

Classification of the product is in accordance with 29CFR 1910.1200

### Label elements

#### **Emergency Overview**

##### **Warning**

##### **Hazard statements**

May be harmful if swallowed  
 May be harmful in contact with skin  
 Causes eye irritation

**Appearance** Opaque

**Physical State** Liquid

**Odor** Perfumed

### Precautionary Statements - Prevention

#### Precautionary Statements - Response

**Eyes** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
**Skin** IF ON SKIN: Wash with plenty of soap and water  
**Inhalation** IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
**Ingestion** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

#### Precautionary Statements - Storage

Store in a well-ventilated place  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

#### Precautionary Statements - Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements

#### Hazards not otherwise classified (HNOC)

Not Applicable

### Other Information

Health Hazard	1
Fire Hazard	1
Reactivity	0

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	90-95%
Sodium Xylenesulphonate(SXS)	1300-72-7	1-5%
Viable Bacteria Cultures	Not Applicable	1-5%
Citric acid	77-92-9	< 1.0%
Zinc Salt Emulsification	13040-19-2	< 0.5%
Ethoxylated alcohols	68439-50-9	< 0.5%
Sodium Nitrate	7631-99-4	< 0.5%
Herbal Fragrance	Proprietary	< 0.5%
Disodium Laureth sulfosuccinate	39354-45-5	< 0.5%
Cocamidopropylamine Oxide	68155-09-9	< 0.5%
2-bromo-2-nitro-1,3-propanediol	52-51-7	< 0.05%
1,2-Benzisothiazole-3-(2H)-one	2634-33-5	< 0.05%
Sodium hydroxide	1310-73-2	< 0.05%
5-chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	< 0.05%
2-Methyl-4-isothiazolin-3-one	2682-20-4	< 0.05%

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

### 4. FIRST AID MEASURES

#### First aid measures

##### General Advice

If symptoms persist, call a physician.

##### Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

##### 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

#### Most important symptoms and effects, both acute and delayed

##### Main Symptoms

No information available

#### Indication of any immediate medical attention and special treatment needed

##### Notes to Physician

Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Specific Hazards Arising from the Chemical

May cause allergic respiratory reaction. No information available.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Ensure adequate ventilation

### Environmental precautions

**Environmental Precautions** 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 high efficiency filter. Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing.

### Methods and material for containment and cleaning up

**Methods for Clean-up** Pick up and transfer to properly labelled containers

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Avoid formation of aerosols and dust from drying out of spilled preparation. Avoid splashing and high pressure washing. Ensure good ventilation of the room, when handling this preparation. Store container in a cool place..

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place

**Packaging Material** There could be many packaging types for the product. The details are given in other Novozymes documents

**Incompatible Materials** Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Water 7732-18-5		-	-
Sodium Xylenesulphonate(SXS) 1300-72-7	-	-	-
Viable Bacteria Cultures Not Applicable	-	-	-
Citric acid 77-92-9	-	-	-
Zinc Salt Emulsification 13040-19-2	-	-	-
Ethoxylated alcohols 68439-50-9	-	-	-
Sodium Nitrate 7631-99-4	-	-	-
Herbal Fragrance Proprietary	-	-	-
Disodium Laureth sulfosuccinate 39354-45-5	-	-	-
Cocamidopropylamine Oxide 68155-09-9	-	-	-

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-bromo-2-nitro-1,3-propanediol 52-51-7	-	-	-
1,2-Benzisothiazole-3-(2H)-one 2634-33-5	-	-	-
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup> Ceiling	TWA: 2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
5-chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	-	-	-
2-Methyl-4-isothiazolin-3-one 2682-20-4	-	-	-

*IDLH: Immediately Dangerous to Life or Health*

#### Appropriate engineering controls

#### Individual protection measures, such as personal protective equipment

**Eye Protection** Avoid contact with eyes

**Skin and body protection** No special technical protective measures are necessary

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practices

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Opaque
<b>Odor</b>	Perfumed
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>
<b>pH</b>	6.5 - 7.2
<b>Melting/freezing point</b>	No information available
<b>Evaporation rate VALUE</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Burning rate 100mm VALUE</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Water Solubility</b>	No information available
<b>Solubility in other solvents</b>	No information available
<b>Partition Coefficient (n-octanol/water)</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity of Product</b>	No information available
<b>Viscosity</b>	No information available
<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

#### Other Information

<b>Softening Point</b>	No information available
<b>VOC Content</b>	No information available
<b>Density</b>	No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight. Stable under normal conditions. Excessive temperature variations below 32F or above 155F.

### Incompatible materials

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

### Hazardous Decomposition Products

No information available.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	There is no data available for this product
<b>Eye contact</b>	Contact with eyes may cause irritation
<b>Skin contact</b>	Prolonged or repeated contact may dry skin and cause irritation. Non-irritating during normal use.
<b>Ingestion</b>	Ingestion may cause stomach discomfort.

### Information on toxicological effects

**Symptoms** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available
<b>Mutagenic Effects</b>	No information available
<b>Reproductive Effects</b>	No information available
<b>Specific target organ systemic toxicity (single exposure)</b>	No information available
<b>Specific target organ systemic toxicity (repeated exposure)</b>	No information available
<b>Chronic Toxicity</b>	No information available.
<b>Aspiration hazard</b>	No information available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

None known

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Citric acid 77-92-9			EC50 = 14 mg/L 15 min	EC50 = 120 mg/L 72 h

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
2-bromo-2-nitro-1,3-propanediol 52-51-7			EC50 = 0.41 mg/L 30 min EC50 = 0.50 mg/L 15 min EC50 = 0.91 mg/L 5 min	
5-chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	EC50 0.03 - 0.13 mg/L 96 h EC50 0.11 - 0.16 mg/L 72 h EC50 = 0.31 mg/L 120 h		EC50 = 5.7 mg/L 16 h	EC50 0.12 - 0.3 mg/L 48 h EC50 0.71 - 0.99 mg/L 48 h EC50 = 4.71 mg/L 48 h

**Persistence/Degradability**

The organic components of the product are biodegradable.

**Bioaccumulation/ Accumulation**

No information available

Chemical Name	log Pow
Citric acid 77-92-9	-1.72
Sodium Nitrate 7631-99-4	-38
1,2-Benzisothiazole-3-(2H)-one 2634-33-5	13
5-chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	75

**Other adverse effects**

No known effect

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Waste Disposal Method**

Dispose of contents/container in accordance with local regulation.

**Contaminated Packaging**

Dispose of wastes in an approved waste disposal facility.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

**14. TRANSPORT INFORMATION**

ADN Not regulated

**15. REGULATORY INFORMATION****International Inventories****Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List***Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

**SARA 311/312 Hazardous****Categorization**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	RQ	CERCLA/SARARQ	RQ
Sodium hydroxide 1310-73-2	\$1000 \$454		\$RQ= 1000 lb final RQ \$RQ= 454 kg final RQ

**State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**State Right-to-Know**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrogen Peroxide 7722-84-1	X	X	X
Sodium Hydroxide 1310-73-2	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**Canada**



**WHMIS Statement**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**WHMIS Hazard Class**

D2B Toxic materials

**16. OTHER INFORMATION****Revision date:**

08/20/2015

**Revision Summary**

No information available

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Novozymes, it is the responsibility of the customer to determine the conditions of safe use of this preparation.

**End of SDS**