

Safety Data Sheet

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

BioStreme® 201 Concentrate

Recommended use: Wastewater Additive for Odour Neutralisation

Supplier

Ecolo Odor Control Technologies Inc.
59 Penn Drive
Toronto, Ontario Canada Postal Code M9L2A6
Emergency phone number: 613-996-6666 (CANUTEC: 24 HOURS)

Distributor

EnviroPro Alternatives Pty Ltd
137 Lake Russell Dr
Emerald Beach, NSW, 2456
Emergency phone number: EnviroPro 0403121377

2. HAZARDS IDENTIFICATION

Not Dangerous Goods
Hazardous According to NOHSC criteria: **Irritant (Xi)**
R36 Irritating to eyes

SAFETY PHRASES

S24 / 25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S64 If swallowed, rinse mouth with water, (only if the person is conscious).

3.COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity of ingredients	Proportion of ingredients	CAS Number(s) for ingredients	Hazardous Substances Databank Number:
Proprietary information and water	>60 %	CBI Omitted	CBI Omitted

4. FIRST AID MEASURES:

General Information: Product is acidic, treat symptomatically.

ORAL EXPOSURE

Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

INHALATION EXPOSURE

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

EYE EXPOSURE

In case of contact, or suspected contact, irrigate exposed eyes with copious amounts of room temperature water for at least 15 minutes. If irritation, pain or swelling persists, the patient should be seen in a health care facility.

DERMAL EXPOSURE

Remove contaminated clothing and launder before reuse. Wash contaminated skin with mild soap and water for 15 minutes. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES:

Flammable Properties: Not flammable. Fire or intense heat may cause violent rupture of packages.

SUITABLE EXTINGUISHING MEDIA

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

HAZARDS FROM COMBUSTION PRODUCTS

When heated to decomposition it emits acrid smoke and irritating fumes.

Carbon oxides formed under fire conditions.

SPECIAL PROTECTIVE PRECAUTIONS AND EQUIPMENT FOR FIRE FIGHTERS

Wear self-contained breathing apparatus for fire fighting if necessary.

NFPA Ratings for This Product Are:



HMIS Ratings for This Product Are:

Health	1
Flammability	0
Physical Hazard	1
Personal Protection	B: Safety Glasses and Gloves

6. ACCIDENTAL RELEASE MEASURES

CAUTION: Acidic.

EMERGENCY PROCEDURES

Nil

Personal Precautionary Measures: Wear appropriate protective equipment: Safety glasses and impervious gloves. Avoid contact with spilled or leaked material. Use caution when walking to prevent slips and falls.

Environmental Precautionary Measures (Large Spills): Evacuate hazard area of unprotected personnel. Wear protective clothing. Shut off source of leak if it is safe to do so. Prevent entry into sewers or streams, dike if needed. Neutralize with lime or soda ash. Larger amounts may be collected with a sorbent material and placed in an appropriate waste disposal container. Use caution when walking to prevent slips and falls.

Procedure for Clean Up (Small spills): Neutralize with lime or soda ash. Mop up with plenty of water, dilute with running water. May be treated with a sorbent material and placed in a tightly sealed container for proper disposal. Use caution when walking to prevent slips and falls.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Eye protection is recommended. Avoid skin contact

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool dry ventilated area

Protect from light

Avoid strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS : Not available.

BIOLOGICAL LIMIT VALUES : No Biological Limit Allocated

ENGINEERING CONTROLS : Ventilation

PERSONAL PROTECTIVE EQUIPMENT : See HMIS Data (Section 5)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour: Dark green to brown

Odour: Characteristic

pH: 2.4 – 4.0 @ 25°C

Boiling point/range (°C): approx. 100 °C

Flash point (°C): >93°C

Relative density (g/cm³):

Water solubility (20°C in g/l): Complete

Viscosity, dynamic (mPa s): Not Available.

Vapour density: >1

Evaporation rate: <1

Specific Gravity: 1.05 – 1.16

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: This product presents no significant reactivity hazard. Hazardous polymerization will not occur.

Conditions to Avoid: Not available

Materials to Avoid: Avoid strong oxidizing agents and alkalis.

Hazardous Decomposition Products: CO₂, CO.

Additional Information: No additional remark.

11. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure

Ingestion: May be irritating to the gastrointestinal tract if swallowed.

Skin Contact: Not a dermal irritant.

Inhalation: Not Available

Eye Contact: Contact of liquid will cause irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not Available for mixture

PERSISTENCE AND DEGRADABILITY : Not Available for mixture

MOBILITY : Not Available

ENVIRONMENTAL FATE : Not Available

BIOACCUMULATIVE POTENTIAL :Not Available

13. DISPOSAL CONSIDERATIONS

SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION

Can be incinerated, when in compliance with local regulations. Can be landfilled when in compliance with local regulations.

APPROPRIATE DISPOSAL OF PACKAGING

Empty containers should be rinsed a minimum of three times and recycled or disposed of through an approved waste management facility.

14. TRANSPORTATION INFORMATION

Not Regulated

15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of this product are either on the Toxic Substances Control Act (TSCA) inventory List or exempt.

Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

WHMIS Classification----- not classified

CPR Compliance-----This product has been evaluated in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR. This is not a controlled product and does not require WHMIS labelling.

European Union:

R-Phrases:

S-Phrases:

Hazard symbols and hazard statements for labelling:

R36/38: Irritating to eyes and skin.

S2 : Keep out of the reach of children.

S3/7/9 : Keep container tightly closed in a cool, well-ventilated place.

S24/25 : Avoid contact with skin and eyes.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye/face protection.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Special provisions concerning the labelling of certain preparations: Not available

Authorisation and/or restrictions on use: Not available

16. OTHER INFORMATION

DATE OF PREPARATION

21 November 2016

REASON(S) FOR ISSUE - INITIAL ISSUE.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product: and in particular how to safely handle and use the product in the workplace. Apply this SDS in the context of how the user intends to handle and use the product in the workplace i.e. a risk analysis.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact product Supplier or Distributer.

Ecolo Odor Control Technologies Inc. (Ecolo), expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a Certificate of Analysis. These can be obtained from Ecolo.

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HSIS PPE Guide

HMIS Personal Protection Index	
A 	Safety glasses
B 	Safety glasses and gloves
C 	Safety glasses, gloves, and apron
D 	Face shield, eye protection, gloves, and apron
E 	Safety glasses, gloves, dust respirator
F 	Safety glasses, gloves, apron, and dust respirator
G 	Safety glasses, gloves, vapor respirator
H 	Splash goggles, gloves, apron, and vapor respirator
I 	Safety glasses, gloves, dust and vapor respirator
J 	Splash goggles, gloves, apron, dust and vapor respirator
K 	Airline hood or mask, gloves, full suit, and boots

 A - Safety glasses	 N - Splash goggles	 O - Face Shield & Eye Protection	 P - Gloves	 Q - Boots	 R - Apron
 S - Full Suit	 T - Dust mask	 U - Vapor Respirator	 W - Dust & Vapor Respirator	 Y - Full Face Respirator	 Z - Airline Hood or Mask

END OF SDS