



BioStreme **111**

Ideal for Land Fills

BioStreme™ 111 Concentrated Micronutrient Formulation gives Solid Waste Operators a reliable means to solve persistent odor problems throughout their operations. From working faces, through access roads, tipping pads, storage bins, plant equipment surfaces, to building interiors – **BioStreme™ 111** provides an adaptable solution to noxious odors.

This concentrated liquid is diluted with water and sprayed topically to manage odor-producing biological processes at solid waste management operations, or wherever organic waste is stored or accumulates. **BioStreme™ 111** affects the basic biology of decomposing waste, providing long-lasting odor relief from H₂S, mercaptans, volatile fatty acids, and ammonia.

Instructions for Use

Spray Method: **BioStreme™ 111** is diluted with water to aid distribution for topical spraying on working faces, equipment surfaces, or wherever problem odors occur. The product is suitable for application using water trucks, boom-type sprayers, water cannon, or hand-held spray equipment.

Application Rates:

Tipping Face: 2 ml/m²
Tipping Floor: 5 ml/m²
Service Road: 2 ml/m²
Storage Bins: 10 ml/m²

- Mix product with clean potable water before use.
- Mixed product should be used within 30 days for optimal performance.
- Guidelines for calculating chemical usage are estimates only. Application rates may vary depending on odor concentration, temperature and application type.

Ordering Information: BioStreme™ 111

Code	Size	Wt.	Dimensions
50-BIO-1130 C20	20 L 5.28 gal	22.7 kg 50 lbs	23 x 28 x 38 cm 9" x 11" x 15"
50-BIO-1130 D28	208 L 55 gal	227 kg 500 lbs	57 x 89 cm 23.5" x 35"

* other packaging sizes available upon request. Minimum orders apply.

Odor Suppressant Concentrated Liquid Contact Deodorizer Safe & Effective

Application Areas

- Landfill Working Faces
- Transfer Stations
- Compactor Rooms
- Recycling Centers
- Haulage Vehicles
- Abattoirs
- Pulp & Paper Sludge
- Sewage Sludge
- Rendering Plants

Types of Odors Treated

- Mercaptans
- Amine Compounds
- Phenol Odors
- Organic Odors
- Organic Sewage Odors
- Grease Odors
- Low Levels H₂S (open areas)

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling. **Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.**

Material removed from containers may be contaminated during use. Do not return product to the original container. HLS Ecolo cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local representative or
HLS Ecolo Technical Support Department.

Material Specification

Test reports for each batch are available for the indicated properties. Test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through HLS Ecolo.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{L} / 3.785 = \text{Gal}$
 $\text{cm} / 2.54 = \text{inch}$

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing,

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