



**BIOSTREME™ 301 BIOAUGMENTATION CONCENTRATE**

is an effective, active and natural product which solves grease trap problems without harsh solvents, corrosive chemicals or expensive maintenance. BioStreme 301 uses natural processes to rid grease traps and plumbing of grease and waste accumulations, it also utilizes AirSolution technology for immediate odor reduction. This concentrated product is composed of a synergistic blend of bacterial strains which will rapidly flourish after application to naturally break down grease, fat and other complex organic materials. BioStreme 301 does not contain caustics or other chemical treatments, which means it is safe for plumbing.

**Instructions for Use**

Prepare a RTU solution from the concentrate, 1 part BioStreme 301 to 7.4 parts water. One 20L pail will make 168L of RTU solution.

**Grease Traps:** Begin treatment after trap has been thoroughly pumped out. Add BioStreme 301 directly to the trap through the drain. For best results, greasetraps should be treated daily at the period of lowest flow, ideally an hour after kitchen shut down and cleaning. Use of a timed metering pump will ensure proper dosage and maximum performance.

Daily Influent	Initial Shock Treatment	Daily
0 - 300 L	1 L RTU	500 ml RTU
300 - 1000 L	2 L RTU	1 L RTU

**Floor Drains:** Pour 250mL of RTU BioStreme 301 solution in each drain. For best results, all floor drains should be treated daily for four days at the period of lowest flow, ideally an hour after kitchen shut down and cleaning. Weekly maintenance afterwards will minimize odors and keep drains free flowing.

**Wet Wells:** Dose in RTU BioStreme 301 at a rate of 50-100 ppm based on flow. Use of a timed metering pump will ensure proper dosage and maximum performance.

- 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.

**Compactors and Solid Waste:** Please consult a member of our technical team for a recommendation based on you site specific requirements.

**Food Processing Lagoons:** BioStreme 301 is ideal for connecting system upsets. Restart system activity with a dose of 100-200 ppm based on organics loading and sludge depth.



**BioStreme 301**

Ideal for Grease Traps, Floor Drains & Wet Wells

**Keeps Traps Free-flowing**

**Reduces Odors**

**Reduces Pumpouts**

**Reduces BOD, COD & TSS's**

**Natural & Biodegradable**

**Safe & Non Toxic**

**Types of Odors Treated**

- Organic Odors
- Grease Odors
- Volatile Fatty Acids

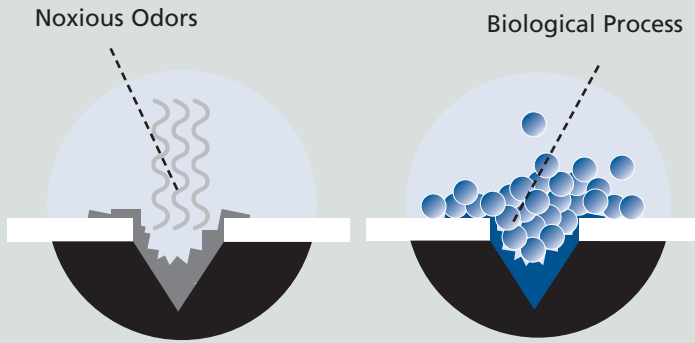
**Ordering Information: BioStreme 301**

Code	Size	Wt.	Dimensions
50-BIO-5050 C20	20 L 5.28 gal	21.8 kg 48 lbs	23 x 28 x 38 cm 9" x 11" x 15"
50-BIO-5050 D28	200 L 52.8 gal	228 kg 500 lbs	57 x 89 cm 23.5" x 35"
50-BIO-5050 T10	1000 L 26.8 gal	1225 kg 2700 lbs	102x122x117 cm 40" x 48" x 46"

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

## Surface Detail Before

## Surface Detail After

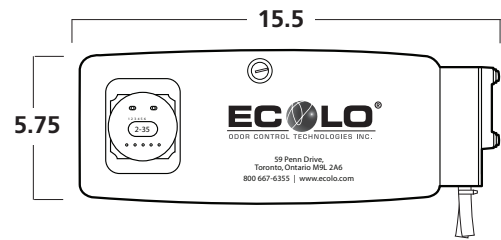


## Application Areas

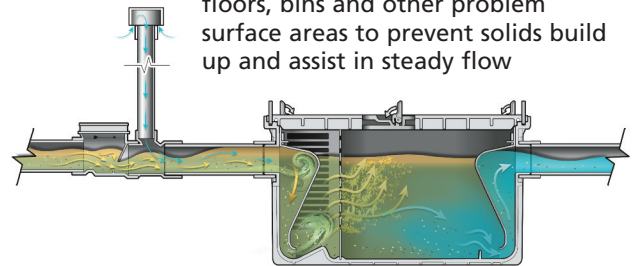
- Grease traps
- Solid waste and compactors
- Waste bins and trash chutes
- Clogged or sluggish floor drains
- Wet well grease buildup
- Wastewater sumps and injection pits
- Lagoons

## AirStreme Dosing Pump

Ordering Information:  
AirStreme Dosing Pump  
10-GRE-0100



BioStreme soaks into grease traps, floors, bins and other problem surface areas to prevent solids build up and assist in steady flow



## 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. 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 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 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.

Ecolo Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Ecolo's products. Ecolo specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.

The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Ecolo patents that may cover such processes or compositions. We recommend that each prospective user test the proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

## Trademark usage

Except as otherwise noted, all trademarks in this document are trademarks of Ecolo Inc. in the U.S. and elsewhere. © denotes a trademark registered in the U.S.

Ecolo Odor Control Technologies Inc.

59 Penn Drive, Toronto, ON,  
Canada, M9L 2A6  
(800) 667-6355 | (416) 740-3900  
Fax (416) 740-3800



info@ecolo.com | www.ecolo.com

Sales & Distribution Center

5829 W Sam Houston Pkwy N.,  
Suite 610, Houston, Texas 77041  
(800) 667-6355 | (713) 357-6295  
Fax: (713) 490-1487

BIO301-03-2017