

BioPlus* BA2920

Dry Blend of Bacterial Cultures

- Enhances bacterial growth and metabolism of Fats, Oil & Greases (FOG)
- Designed to reduce accumulation of FOG in sewer systems
- Provides rapid recovery of food plant waste water biotreatment systems from upsets
- Facilitates digestion of FOG skimmings from collection systems
- Reduces line and pump station maintenance costs
- Improves sludge settleability in activated sludge plants impacted by FOG

Description and Use

BioPlus* BA2920 is a synergistic blend of selectively adapted bacterial cultures. The cultures are specifically adapted to target fats, oil and grease (FOG) of animal and plant origin. Enhanced with new, patent-pending fatty acid degraders, the product is well suited for waste waters containing soluble and partially soluble fats, oils, greases, soluble hydrocarbons, starches, long chain fatty acids and proteins.

The product is recommended for a wide variety of municipal and industrial applications, involving problematic accumulations of FOG and long chain fatty acids in both collection systems and treatment plants. Applications include activated sludge systems, lagoons, anaerobic digesters, pump stations, manholes and pipelines that require frequent cleaning due to grease buildup. BioPlus BA2920 also provides enhancement of digestion of primary skimmings where grease is a major component (reducing odors and grease caps).

Treatment and Feeding Requirements

For drain and sewer applications, BioPlus BA2920 is normally added directly to pump stations and manholes upstream of grease accumulations. For treatment plant applications, BioPlus BA2920 can be added to the influent wastewater, or directly to the basin, reactor or lagoon. Dosage requirements are based on

either flow and cleanout frequency (sewers), or flow and COD (treatment plants) and typically involve addition of product on a daily or weekly basis. The product works in a pH range of 4.5 to 8.5 (optimum near 7) and to a maximum temperature of 113°F (45°C). In sewers, an adjunct product (BA2921) is sometimes recommended when extremely rapid cleanup is required. Consult your GE representative for specific recommendations designed for your system.

General Properties

Appearance	Free-flowing, tan colored powder
Moisture content	15%
Bulk Density	31.2 to 38.1 lb/ft ³ (0.50 to 0.61 kg/L)

Other physical properties are shown in the Material Safety Data Sheet, a copy of which is available on request.

Packaging Information

BioPlus BA2920 is a dry product available in a variety of containers, either in loose powder form or in the convenient 1-lb (.45 kg) dissolvable SoluPaks*. Consult your GE representative for packaging details.

Storage

BioPlus BA2920 should be stored in a cool (50 to 95°F {10 to 35°C}), dry place and protected from freezing. Keep container closed when not in use. Expected shelf life under these conditions is approximately 12 months.

Safety Precautions

Avoid inhalation of dust. Wash hands thoroughly with warm, soapy water after handling. A Material Safety Data Sheet containing detailed information about the product is available on request.



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