

PRODUCT NAME

BiOWiSH™ Aqua FOG

CHEMICAL COMPOSITION

Active Microbial Cultures (Biosafety Level 1).....	0.1%-1.0% (nominal)
Dextrose.....	95.0%-97.5%
Soya lecithin	1.0%-3.0%
Salt	0.5%-1.0%
Total	100%*

*Exact percentage (concentration) of composition has been withheld as a trade secret.

PRODUCT USAGE

Suitable for all existing biological wastewater treatment applications, BiOWiSH™ Aqua FOG accelerates the biological removal of nutrients from wastewater with high Fat, Oil and Grease (FOG) content. Recommended for applications with (FOG) levels of 100mg/L or higher. In addition BiOWiSH™ Aqua FOG is effective in reducing BOD, COD, Suspended Solids, Odor emissions and Biosolids production.

PRODUCT ORIGIN

Made in USA by:
BiOWiSH Technologies, Inc.
2724 Erie Avenue, Suite C
Cincinnati, OH 45208 USA

PHYSICAL/CHEMICAL PROPERTIES

COLOR: Off white
ODOR: Mildly sweet, earthy odor
pH: 5.1 – 6.2 S.U.
BULK DENSITY: 0.62 – 0.96 g/cm³
SOLUBILITY: Soluble in water
PHYSICAL STATE: Powder

PRODUCT FORMAT

301013 – 100g / 3.5 oz
301014 – 1 kg / 2.2 lbs
301015 – 5 kg / 11 lbs
301016 – 10 kg / 22 lbs

PRODUCT BENEFITS

- Biological removal of Fat, Oils and Greases (organic and mineral)
- Provides rapid reduction in BOD, COD and Suspended Solids
- Reduces sludge production and handling
- Increases biological efficiency in nutrient removal providing for increased hydraulic throughput without capital expense
- Reduces odorous emissions
- Offers potential for energy savings due to less aeration required to maintain DO levels

PRODUCT DOSING

For general usage, dissolve BiOWiSH™ Aqua FOG in clean water and dose the active solution into the inflow of the WWTP. Dry dosing options are suitable for certain applications.

Dosage rates dependent on site specific parameters. Typical dosage is 0.1-0.5 ppm (g/m³). Shock dosage is used in certain applications to accelerate results. Please refer to User Guide relevant to each application type.

For site specific application protocols please contact a BiOWiSH Technologies Distributor near you or contact BiOWiSH Technologies at wastewater@biowishtech.com

STORAGE AND HANDLING

The product is sold in food grade metallized polyethylene bonded film bags and has a three-year shelf life (when stored in a dry place away from direct sunlight). Store in cool, dry location out of direct sunlight. Storage above 40°C (104°F) for extended periods is not recommended. Once opened, BiOWiSH™ Aqua FOG must be kept dry in an airtight container to prevent activation. Once in solution, BiOWiSH™ Aqua FOG has an effective life of 15 days.

SAFETY

The product is classified non-hazardous and non-flammable. To download Safety Data Sheet and Hazard or First Aid Information, go to www.biowishtech.com/sds.

NOTICE

Ineffectiveness or other unintended consequences may result from, but are not limited to, product misuse or management practices. All such risks shall be assumed by Buyer and User.

COMPATIBILITY

BiOWiSH™ Aqua FOG will not operate effectively in the presence of high concentrations of some chemical products such as disinfectants. Please contact a BiOWiSH Distributor representative in your area for site specific compatibility information.

CONTACT

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