

PRODUCT NAME

BiOWiSH™ Aqua FOG

CHEMICAL COMPOSITION

Micro-organisms (Biosafety level 1).....	1.0%-10.0%
Dextrose (monohydrate).....	86.0%-97.5%
Natural Emulsifiers.....	1.0% - 3.0%
Salt.....	0.5%-1.0%
Total.....	100%

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 content. In addition BiOWiSH™ Aqua FOG is effective in reducing BOD₅, COD, Suspended Solids, Odor emissions and Biosolids production.

PRODUCT ORIGIN

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

PHYSICAL/CHEMICAL PROPERTIES

COLOR: Off white
 ODOR: Mildly sweet, earthy odor
 pH: 5.22 S.U.
 SPECIFIC GRAVITY: 0.828
 SOLUBILITY: Dispersible in water
 PHYSICAL STATE: Powder

PRODUCT FORMAT

- 301021 – 100g / 3.5 oz
- 301022 – 1 kg / 2.2 lbs
- 301023 – 5 kg / 11 lbs
- 301024 – 10 kg / 22 lbs



PRODUCT BENEFITS

- Biological removal of Fat, Oils and Greases (organic and mineral)
- Provides rapid reduction in BOD₅, COD and Suspended Solids.
- Reduces sludge production and handling
- Increases biological efficiency in nutrient removal providing for increased hydraulic throughput without capital expense
- Eliminates odorous emissions
- Offers potential for energy savings due to less aeration required to maintain DO levels
- Lessens need for chemical additives
- Stabilizes and improves plant operations
- Pre-treats influent in collection systems

PRODUCT DOSING

For general usage, dissolve BiOWiSH™ Aqua FOG in clean water, then dose the active solution into the inflow of the WWTP.

Dosage rates dependent on site specific parameters. Typical dosage is 0.3mg/L to 3.0mg/L. Shock dosage is used in certain applications to accelerate results.

For site specific application protocols please contact a BiOWiSH Technologies Distributor near you or contact BiOWiSH Technologies at <http://www.biowishtechnologies.com/us/environment/wastewater-treatment/>

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).

SAFETY

The product is non-toxic and safe for everyday use. To download Material Safety Data Sheet, Hazards Identification and First Aid Information, go to www.biowishtech.com/msds

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

BiOWiSH Technologies, Inc.
www.biowishtech.com
wastewater@biowishtech.com

