

PRODUCT NAME

BiOWiSH™ Aqua

CHEMICAL COMPOSITION

Active Microbial Cultures (Biosafety Level 1).....	0.1%-1.0% (nominal)
Dextrose.....	95.0%-99.5%
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 with fats, oils, and greases below 100ppm, BiOWiSH™ Aqua accelerates the biological removal of nutrients from wastewater, 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: 4.1 – 6.4 S.U.
BULK DENSITY: 0.67 – 0.91 g/cm³
SOLUBILITY: Soluble in water
PHYSICAL STATE: Powder

PRODUCT FORMAT

301001 – 100 g / 3.5 oz
301002 – 1 kg / 2.2 lbs
301003 – 5 kg / 11 lbs
301004 – 10 kg / 22 lbs

PRODUCT BENEFITS

- Provides rapid reduction in BOD, COD and Suspended Solids
- Denitrification
- 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 into clean water and dose the active solution into the inflow of the WWTP. Dry dosing options exist 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.

For site specific application protocols please contact a BiOWiSH Technologies Distributor near you, visit www.biowishtech.com/userguides, 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 must be kept dry in an airtight container to prevent activation. Once in solution, BiOWiSH™ Aqua 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 will not operate effectively in the presence of some chemical products such as disinfectants. Discontinue use of chemical products 3 days prior to using or phase in BiOWiSH™ Aqua, full effect will not occur until chemicals are removed. Please contact a BiOWiSH Distributor representative in your area for site specific compatibility information.

CONTACT

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