

Aquapure Bio 50**Product Code: 2600001
Revised Date: March 19, 2015**

Aquapure Bio 50

DESCRIPTION

Wastewater Treatment Biomass Aid

Aquapure Bio 50 is a blend of naturally occurring, non-altered microorganisms and growth stimulants formulated to efficiently degrade carbohydrates, proteins and fats (FOG). The bacteria in **Aquapure Bio 50** produce multiple types of enzymes such as Protease, Amylase, Esterase, Urease, Cellulase, Xylanase, and Lipase to break down waste products associated with meat processing, dairies, vegetable packing, fruit processing and carbohydrate processing facilities. **Aquapure Bio 50** contains aerobic as well as facultative bacteria to work in anoxic conditions. Use of **Aquapure Bio 50** will increase biological activity, improve biomass flocculation, enhance nitrogen and phosphorous removal as well as improve odor thru reduction of BOD and TSS.

FEATURES

- Produces prodigious amounts of enzymes
- Breaks down wastes from food packing and meat processing
- Works in aerobic as well as anoxic conditions
- Improves biomass
- Removes odor
- Enhanced nitrogen and phosphorus removal
- Reduces BOD and TSS

TYPICAL APPLICATIONS

Food Processing & Beverage Industries:

- Rendering Plants
- Breweries
- Fruit and Vegetable processing
- Joint Municipal/ Industrial WWTP

PHYSICAL DATA

Product: Dormant bacterial cultures and micro-nutrients
Viability: minimum 4 billion CFU/g



Product Bulletin

House Calls for Industrial WasteWater

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Form: A dry, free-flowing powder.
Color: Beige to light brown.
Specific Gr.: 0.5 - 0.7
Storage: Store product in a dry place between 21-27° C. If product becomes wet, it must be used immediately. Do not freeze.

DIRECTIONS FOR USE

Product may be added directly to aeration tank, lagoon, or oxidation ditch. For trickling filters, it is best to prehydrate product by adding 2 lbs. per 1 gallon of 20-30° C non-chlorinated water. Allow solution to stand for 30 minutes to 1 hour before adding to trickling filter.

OPERATING CONDITIONS

pH 4.50 -10.0
Temp. 5°C - 55°C (40°F - 130°F)
PO₄ 2 mg/L minimum
NH₃N 2 mg/L minimum

Do not use in environments where high levels of toxic metals such as zinc, chrome, mercury, are known to exist.

AVAILABILITY

Product is available in 25 lb. plastic pails or 100 lb. fiber drums. Product may be packaged in 1lb. water-soluble packs for an additional charge.

CAUTION

Persons allergic to dust should employ nose and mouth protection when handling this product. In the event of direct contact with the eyes or skin, flush the affected area with water.





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WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

