



**House Calls for Industrial WasteWater**

**Aquapure™ Bio 20H**

**Product Code: 2600027**  
**Revised Date: March 19, 2015**

**Aquapure™ Bio 20H**

**DESCRIPTION**

*Industrial Wastewater Treatment Microbial Aid*  
*High Water Temperature Tolerant Strains*

Aquapure Bio 20H is a broad spectrum of selected and thermophilic microbial cultures designed to degrade hydrocarbon industrial wastes, thereby enhancing TOC, BOD and TSS removal in industrial or joint municipal/industrial wastewater treatment plants operating under thermophilic conditions. The cultures in Aquapure Bio 20H are capable of degrading wastes containing strong organic matter and semi-toxic compounds that interfere with normal biomass activity. Biomass optimization with Aquapure Bio 20H will allow for effective treatment of complex organics such as, but not limited to; phenols, alcohols, surfactants, detergents, glycols, naphthalenes, amines, nitriles, aliphatic and aromatic hydrocarbons, ketones, cutting oils, styrene, and low levels of cyanide.

**FEATURES**

- Broad Spectrum of cultures
- Degrades hydrocarbons at an elevated temperature

**TYPICAL APPLICATIONS**

- Chemical Processing
- Petrochemical Operations
- Steel/Coal Chemicals
- Textile mills
- Pharmaceutical Plants
- Pulp mills
- Upset recovery
- Enhance seasonal plant performance
- System start-up
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**PHYSICAL DATA**

Product: Dormant bacterial cultures and micronutrients  
Viability: Minimum 4 billion CFU/g  
Form: A dry, free-flowing powder  
Color: Beige to light brown  
Specific Gravity: 0.5 - 0.7  
Storage: Store product in a dry place between 21°-27° C (70°-80.6°F). If product becomes wet, it must be used immediately. Do not freeze.



## Product Bulletin

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### **DIRECTIONS FOR USE**

Aquapure Bio 20H may be added directly to aeration tank, lagoon, or oxidation ditch. For trickling filters, it is best to pre-hydrate product by adding 2 lbs. per 1 gallon of 20-30° C non-chlorinated water. Allow solution to stand for 30-60 before adding to trickling filter. Consult a HH representative.

### **OPERATING CONDITIONS**

pH	6.0-9.0
Temp.	40° - 60°C (104° - 140°F)
PO <sub>4</sub>	2 mg/L minimum
NH <sub>3</sub> N	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**

Aquapure Bio 20H is available in 25 lb. plastic pails and may be packaged in one-pound water-soluble packs. It is available in 100 lb. fiber drums in bulk form.

### **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.

### **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.