AquaPure™ Bio 20 H

Aquapure Bio 20 H 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 20 H are capable of degrading wastes containing strong organic matter and semi-toxic compounds that interfere with normal biomass activity. Biomass optimization with Aquapure Bio 20 H will allow for effective treatment of complex organics such as, but not limited to; phenols, alcohols, surfactants, detergents, glycols, naphthalene's, amines, nitriles, aliphatic and aromatic hydrocarbons, ketones, cutting oils, styrene, and low levels of cyanides.

Features & Benefits

Broad Spectrum of cultures benefit of this is degrades wastes containing strong organic matter and semi toxic compounds	Enhancing TOC, BOD and TSS removal in industrial or joint municipal/industrial wastewater treatments.
Available in 1 lb. water soluble packing	Ease of use for system start up and upset recovery

Physical Data

Product	Dormant bacterial cultures and micronutrients
Viability	> 4 billion CFU/g
Form	Dry, free-flowing powder
Color	Beige to light brown
Specific Gravity	0.50 - 0.70

Typical Applications

- Chemical Processing
- Petrochemical Operations
- Steel/Coal Chemicals
- Textile mills
- Pharmaceutical Plants
- Pulp mills

- Enhance seasonal plant performance

Operating Conditions

Aquapure Bio 20 H 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 20ºC to 30ºC non-chlorinated water. Allow solution to stand for 30 to 60 minutes before adding to trickling filter. Consult with your Aquapure Specialist for bench testing to determine the dosage best suited for the application.

pH	6.0 – 9.0
Temp	40ºC – 60ºC (104°F – 140°F)
PO_4	2 mg/L minimum
NH_3N	2 mg/L minimum

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

Aquapure Bio 20 H is available in 25 lb. plastic pails and in 100 lb. fiber drums.

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.

Store product in a dry place between 21ºC to 27°C (70ºF to 80.6°F). If product becomes wet, it must be used immediately. Do not freeze.

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.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136].