



### House Calls for Industrial WasteWater

**Aquapure™ Bio 20C**

**Product Code:2600026**  
**Revised Date: March 19, 2015**

## Aquapure™ Bio 20C

### DESCRIPTION

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

**Aquapure Bio 20C** is a broad spectrum of selected and adapted, patent-pending psychrophilic microbial cultures designed to degrade hydrocarbon industrial wastes, thereby enhancing TOC, COD, BOD and TSS removal in industrial or joint municipal/ industrial wastewater treatment plants operating under cold water temperature conditions (2-15°C). The cultures in Aquapure Bio 20C are capable of degrading wastes containing strong organic matter and semi-toxic compounds that interfere with normal biomass activity. Biomass optimization with Aquapure Bio 20C 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. Aquapure Bio 20C can also be used effectively for soil and groundwater remediation projects.

### FEATURES

- Versatile – Broad Spectrum
- Formulated for cold temperature applications
- Works to break down complexed organics and hydrocarbons

### TYPICAL APPLICATIONS

- Chemical Processing
- Petrochemical Operations
- Petroleum Refining
- Steel/Coal Chemicals
- Textile mills
- Pharmaceutical Plants
- Pulp mills
- Soil and groundwater remediation

### 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 20C 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 30-60 before adding to trickling filter. Consult a Hubbard Hall representative.

### **OPERATING CONDITIONS**

pH	6.0-9.0
Temp.	2° - 15°C (35.6° - 59°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 20C is available in 25 lb. plastic pails or 100 lb. fiber drums and may be packaged in one-pound water-soluble packs.

### **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.