

AquaPure™ M-Bio 51

Aquapure M-Bio 51 is a broad spectrum of bacterial cultures designed to degrade most industrial wastes. The cultures in Aquapure M-Bio 51 are capable of degrading phenols, alcohols, surfactants, detergents, glycols, naphthalene's, amines, nitriles, aliphatic and aromatic hydrocarbons, ketones, cutting oils, styrene, heterocycles, and low levels of cyanide. Aquapure M-Bio 51 will enhance BOD, COD and TSS removal in most all steel mill, pharmaceutical, chemical, and petrochemical wastewater treatment systems. The product can be used effectively for soil and groundwater remediation projects.

Features & Benefits

Broad spectrum culture formulated to degrade most industrial waters	Enhances BOD, COD and TSS removal
A dry, free flowing powder	May be added directly to aeration tank, lagoon or oxidation ditch
Available in 1 lb. water soluble bags	Ease of use, no operator measuring

Physical Data

Product	Dormant bacterial cultures and enzymes
Form	A dry, free-flowing powder
Color	Beige to light brown
Specific Gravity	0.50 – 0.60
Storage	Store product in a dry place between 10°C – 40°C. If product becomes wet, it must be used immediately. Do not freeze.

Typical Applications

- Steel mills
- Chemical Plants
- Petrochemical plant wastewater systems

Operating Conditions

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

For soil and groundwater applications, consult your sales representative.

pH	6.0 – 8.5
Temperature	10°C – 45°C
PO 4	2mg/L minimum
NH3 N	2mg/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

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

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