

bio reme®
Bioculture



Greencraft Labs
Private Limited

TEXTILE

WHAT IS BIO REME TEXTILE?

Bio Reme Textile consists of a wide variety specially selected strains of bacterial consortium Such as *Pseudomonas* sp., *Achromobacter* sp. (bacterial species) and *Aspergillus fumigates* (fungal species), found exclusively in bio reme textile that used to possess decolorization potential of dye effluent, thus can be used for the treatment of dye effluent. This Bio reme microbes is used to breakdown complex compounds like starch, cellulose, PVA, lignin into simpler form in major textile industries of Denims, cottons, yarns, polyester, silk, nylons, rayon's, bleaching and dyeing etc. It also degrades dyestuffs, which reduce toxicity of wastewaters. Bio Reme microbes are nature's original recyclers, converting toxic organic compounds into simpler non-toxic products in carbon dioxide and water.

Bio Reme Textile is non-genetically engineered microorganisms that are competent to work in Textile effluent due to their acclimatization and fermentation in that effluent. These microbes have ability to work with high efficiency to reduce high COD & BOD along with natural colors.





Benefits of Bio reme Textile

- Degrades high COD & BOD.
- Rapidly increases in MLSS & MLVSS.
- Reduces foaming.
- Reduces organic color from effluent.
- Suppresses harmful bacterial growth.
- Reduces plant commissioning time.
- Multiple strains of bacteria for effective result.
- Stabilizes shock load.
- Reduces odour from plant.
- Reduces excess sludge generation.
- Improves overall efficiency of the plant.
- Effective under most environmental conditions.
- Easy to store, handle and transport.

Area of Application

- Membrane Bio reactor
- Activated sludge
- Sequencing batch reactor
- Moving bed bio reactor
- Extended Aeration system

Performance Properties

pH	6.5-7.5
Temperature	5 to 55°C
Reactivation Rate	99 % after addition to water
Concentration	Highly Concentrated
Shelf Life	2 years

Physical Properties

Appearance	Off White Colour
Physical State	Powdered Form
Odour	Odourless
Moisture Content	6-7 %
Mesh Size	0.6 mm
Packaging	1 kg Aluminium zip lock

Application Matrix

- Mix Bio Reme 1 kg powder in 20 Liter water (Prefer normal temperature).
- Stir well and remain in bucket for 30 minutes (for bacteria activation)
- Directly Dose at inlet of tank.

Dosage Schedule

Depend upon the organic load, contaminants and volume of waste water.



Testing & Certifications

- ✓ Certified Non Toxic
- ✓ Certified Temperature Range
- ✓ Certified Non GMO
- ✓ Certified Non Pathogenic
- ✓ Tested for Toxic Metals
- ✓ Bioassay on Fish Done

MAHARASHTRA- PUNE

R05, Gulmarg,
Pune-Mumbai Highway,
Baner, Pune-411045
+91-9023882028
+91-9503051200
sales@greencraftlabs.in

NEW DELHI

216, Jaina Tower
2, District centre,
Janakpuri -110058,
New Delhi
+91-9503653500
+91-7488567070
sales@greencraftlabs.in

PHILIPPINES

No. 21 Emerald St., Silverland,
Quezon City, Philippines
+63 2 275 7206
+63 02 8275 7206
anil@greencraftlabs.in

