**B 1650**

*MBR Specific Bacterial Blend*

Primary Applications: Membrane BioReactor Seeding – Industrial Wastewater

Rapid start-up, upset recovery, system optimization

**B 1650** is a broad spectrum bacterial specifically designed for use in the start-up of Membrane BioReactor (MBR) - Wastewater Treatment Systems (WWTS). **B 1650** has a high water-solubility makeup containing bacteria, a multifaceted carbon carrier and micronutrients essential to promote rapid biomass growth. The cultures in **B 1650** are capable of degrading a wide variety of components associated with industrial wastewater including proteins, carbohydrates hydrocarbons, surfactants, detergents and will enhance COD, TOC, BOD and TSS removal.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product:</th>
<th>Dormant bacterial cultures and micronutrients.</th>
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<tr>
<td>Viability:</td>
<td>Minimum 4 billion CFU/g</td>
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<td>Form:</td>
<td>A dry, free-flowing powder.</td>
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<td>Color:</td>
<td>off-white to light gray</td>
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<td>Specific Gravity:</td>
<td>0.5 - 0.7</td>
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<td>Storage:</td>
<td>Store product in a dry place between 21°-27° C (70°-80.6°F). If product becomes wet, it must be used immediately. <em>Do not freeze.</em></td>
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**DIRECTIONS FOR USE**

**B 1650** 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 minutes to 1 hour before adding to trickling filter. Consult Dynatec Systems, Inc. for detailed dosing recommendations.
OPERATING CONDITIONS

pH 6.0-9.0
Temp.  15ºC - 40ºC (59°F - 104°F)
PO4  2 mg/L minimum
NH3N 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

B 1650 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.

DISCLAIMER

There are no performance warranties expressed or implied via this information. Dynatec Systems, Inc. shall not be held liable for any damages that may result from the presence or application of the product described herein.