**B 1150**  
High Water Temperature Tolerant

Primary Applications: Chemical Processing, Petroleum Refining, Petrochemical Operations and Pulp mills. Seasonal maintenance, rapid start-up, upset recovery, biomass enhancement

**B 1150** is a blend of thermophilic bacteria for use in wastewater applications when water temperatures exceed 40°C. The cultures in **B 1150** have been selected for their ability to efficiently produce specific enzymes at elevated water temperatures. **B 1150** bacteria will improve TOC, COD and BOD removal while being able to degrade olefins, hydrocarbons, phenols, esters, alcohols, carbohydrates, proteins, aldehydes, glycols, and surfactants.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product:</th>
<th>Dormant bacterial cultures and micronutrients</th>
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</thead>
<tbody>
<tr>
<td>Viability:</td>
<td>Minimum 4 billion CFU/g</td>
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<tr>
<td>Form:</td>
<td>A dry, free-flowing powder</td>
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<tr>
<td>Color:</td>
<td>Beige to light brown</td>
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<tr>
<td>Specific Gravity:</td>
<td>0.5 - 0.7</td>
</tr>
<tr>
<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. <strong>Do not freeze.</strong></td>
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</tbody>
</table>

**DIRECTIONS**

**B 1150** may be added to an EQ tank, aeration basin, lagoon, or oxidation ditch. For trickling filters, it is best to prehydrate product by adding 2.0 lbs. per 1.0 gallon of 20-30°C non-chlorinated water. Allow solution to stand for 30 minutes to 2 hours before adding to trickling filter. Consult your Dynatec Systems, Inc. for more specific application instructions.

**OPERATING CONDITIONS**
pH 6.0-8.5
Temp.  40°C - 60°C (104°F - 140°F)
PO4  2 mg/L minimum
NH3 N  2 mg/L minimum

**AVAILABILITY**

**B 1150** 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.