

*The Natural Solution
when only the best will do*

System & Product Descriptions

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Bacta-Pur®

ECOPROBIOTICS™ © 2008

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ECOPROBIOTICS™, of the Bacta-Pur® System, are beneficial communities of natural bacteria, which have been on earth for millions of years and have been selected for their synergistic ability to biodegrade pollutants and to improve water quality. ECOPROBIOTICS™ increase biodiversity. Just as people take yogurt for its' probiotic ability to assure the presence of the optimal community for digestion and immunity, ECOPROBIOTICS™ improve ecosystem health. EVERY PRODUCTION of Bacta-Pur® products is analyzed and cleared for shipment ONLY after passing all performance tests and being CERTIFIED PATHOGEN FREE using techniques from the food industry. ECOPROBIOTICS™ are purely natural and beneficial; they NEVER contain added chemicals such as surfactants, emulsifiers or enzymes..., nor do they contain genetically modified (GMO) or deliberately mutated organisms. ECOPROBIOTICS™ are safe and beneficial. Disease causing organisms are never used, as others do or permit.

Bacta-Pur® KLEAR: a balanced community of natural beneficial microorganisms for the reduction of ammonia, nitrite and nitrate, helps start and maintain biofilter efficiency, reduces soluble phosphorous to improve water quality and clarity in garden and decorative ponds. Bacta-Pur® KLEAR converts pollution into bacterial biomass, which becomes natural healthful food for fishes and invertebrates.

Bacta-Pur® Sludgebusters: a balanced community of natural beneficial microorganisms to biodegrade organic wastes (sludge, fish waste *etc.*), reduces the occurrence of oxygen deficient sludge areas and reduces causes of noxious odors (methane, hydrogen sulfide *etc.*), facilitates oxygenation in garden and decorative ponds. Bacta-Pur® Sludgebusters converts pollution into bacterial biomass, which becomes natural healthful food for fishes and invertebrates.

Bacta-Pur® POND: a balanced community of natural beneficial microorganisms for the reduction of ammonia, nitrite and nitrate, helps start and maintain biofilter efficiency, reduces soluble phosphorous to improve water quality and clarity, biodegrades organic wastes (sludge, fish waste *etc.*), reduces the occurrence of oxygen deficient sludge areas and reduces causes of noxious odors (methane, hydrogen sulfide *etc.*), facilitates oxygenation large ponds and small lakes. Bacta-Pur® POND converts pollution into bacterial biomass, which becomes natural healthful food for fishes and invertebrates.

Bacta-Pur® KLEAN DRAIN: a balanced community of natural beneficial microorganisms used in household applications for the treatment of drain lines to cure and prevent accumulations of grease and sludge.

Bacta-Pur® KLEAN SEPTIC: a balanced community of natural beneficial microorganisms used in household applications to digest grease and sludge and to remove soluble pollutants in septic systems and leach fields and to provide nitrification (ammonia removal) and denitrification (nitrate removal) in leach fields.



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Bacta-Pur® XLG ($\leq 5\%$ salinity): a balanced community of natural beneficial microorganisms, which have been selected for their ability to biodegrade lipids (fats, oils and greases), proteins, carbohydrates, sludge and other components typically found in organic waste. Bacta-Pur® XLG is used to optimize water quality improvement, benefits include BOD reduction and biodegradation of grease and organic sludge, Bacta-Pur® XLG facilitates oxygen transfer / energy conservation and thus reduces causes of global warming.

Bacta-Pur® XLSW ($> 5\%$ salinity): a balanced community of natural beneficial microorganisms, which have been selected for their ability to biodegrade lipids (fats, oils and greases), proteins, carbohydrates, sludge and other components typically found in organic waste. Bacta-Pur® XLSW converts pollution into bacterial biomass, which becomes natural healthful food for fishes and invertebrates.

Bacta-Pur® N3000: a balanced community of natural beneficial microorganisms, which have been selected for their ability to nitrify and to denitrify and to help control eutrophication in fresh or salt water. Other uses include the reduction of soluble phosphorous, which has a considerable impact on freshwater systems. Bacta-Pur® N3000 converts pollution into bacterial biomass, which becomes natural healthful food for fishes and invertebrates.

Bacta-Pur® H2000: a balanced community of natural beneficial microorganisms, which have been selected for their ability to biodegrade hydrocarbons and other refractory products. Bacta-Pur® H2000 is used for a variety of purposes within the areas of industrial wastewater treatment (petrochemical wastewater, landfill leachates, *etc.*) and water and soil bioremediation.

Bacta-Pur® KITS: include ECOPROBIOTICS™ and nutrients (see brochure spd02.07)

Bacta-Pur® XLG-KIT: includes Bacta-Pur® XLG & Bacta-Pur® ACTIVATOR GS

Bacta-Pur® N-KIT: includes Bacta-Pur® N3000 & Bacta-Pur® PRECONDITIONER N

Bacta-Pur® H-KIT: includes Bacta-Pur® H2000 & Bacta-Pur® PRECONDITIONER

Bacta-Pur® XLG(A): includes Bacta-Pur® XLG & Bacta-Pur® ACTIVATOR 1 & 2



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