

# 1400 SERIES

PETROCHEMICAL BLEND

POWDERS

## OVERVIEW

Our RBT 1400 Series Blend is a Proprietary Concentrated Bacterial Powder Blend specialized for more specific use in Petrochemical environment where Hydrocarbons are present in wastewater or soil.

REX-BAC-T 1400 Series Petrochemical Blend is a unique blend of bacteria strains formulated to effectively degrade both aromatic and aliphatic hydrocarbons. With the ever-growing transfer and distribution of petroleum soil and water contaminated with hydrocarbons is increasing. By using a bioremediation approach to aid in the degradation of various pollutants found in the water supply we can improve the environment. Studies show that by using REX-BAC-T 1400 series product, 70% decontamination can be achieved in 30 days. We strive to naturally degrade these contaminants to ensure a nontoxic end product. This is astounding when compared with 40% degradations without bioaugmentation. In addition, crops such as wheat grown on this soil germinated and grew better than on non-augmented soil. RBT 1400 aims to naturally degrade these widely problematic contaminants to ensure a nontoxic end product.

## APPLICATIONS:

- I WASTEWATER PLANTS
- I PETROLEUM CONTAMINATED WASTEWATER
- I WASTE PUMPS
- I HOLDING TANKS
- I CONTAINMENT SYSTEMS
- I REACTORS
- I LAGOONS
- I CAR AND TRUCK WASHES
- I MARINE BILGES

## ADVANTAGES:

- I GREATLY REDUCES LABOR TIME
- I ENHANCES BOD/COD REMOVAL
- I REDUCES HYDROGEN SULFIDE
- I COST-EFFECTIVE & EASY TO USE
- I INCREASES SYSTEM EFFICIENCY
- I CONTAINS NO CHEMICALS
- I ELIMINATES MALODORS AT THEIR SOURCE
- I BREAKS DOWN FAT & GREASE BUILDUP
- I DEGRADES A WIDE RANGE OF COMPLEX ORGANICS
- I CONTAINS FACULTATIVE ANEROBES THAT WORK WITH OUR WITHOUT OXYGEN

# 1400 SERIES

PETROCHEMICAL BLEND

POWDERS

## TARGETED COMPOUNDS

- I TOLUENE
- I CRUDE OILS HEPTACHLOR
- I NAPHTHALINE
- I NITROPHENOLS
- I KEROSENE
- I HALOMETHANES
- I DINITROLTOLUENE
- I DIESEL FUEL
- I PHENOLS
- I HYDROCARBONS
- I BENZENE
- I GASOLINE
- I OTHERS

## STRAINS

- I MULTI-STRAIN SPORE BLEND

## TYPICAL PROPERTIES

- I APPEARANCE ..... TAN POWDER
- I FRAGRANCE ..... MILD
- I FORM ..... POWDER
- I SHELF LIFE ..... 24 MONTHS
- I EFFECTIVE pH range..... 5.0 – 10.0
- I EFFECTIVE TEMPERATURE RANGE..... 34-120 DEGREES F

## BACTERIA CONCENTRATION

- I 5.1 BILLION CFU/g

## PACKAGING

- I 30, 50, 100, 400 AND 2,000 LB. CONTANERS
- I ALSO AVAILABLE IN 2 OZ., 4 OZ., 8 OZ., AND 16 OZ. WATER-SOLUBLE BIO-PACKETS