

MICROZYME™ PETRO TREAT

PETROLEUM DIGESTING MICROBIAL PRODUCT

DESCRIPTION	Microzyme™ Petro Treat is a multi-culture concentrate available in liquid or dry powder. It is composed of about six select microbial cultures chosen for their ability to bioremediate all fractions of crude or modified petroleum products and paraffin wax. The microbial cultures continue their enzyme production until almost all oil contaminants and other organic wastes are consumed. Microzyme™ Petro Treat is non-toxic, non-caustic, non-acidic, non-pathogenic (harmless to humans, pets, & wildlife) and is biodegradable.
PROPERTIES	Microzyme™ Petro Treat is available as either a light tan solution with a specific gravity of about 1.2 or as a dry product in powder form. It is a proprietary blend of about six facultatively anaerobic, microbial cultures, which are effective across a wide spectrum of substrates. In addition to specific enzymes, several of the product's cultures create their own biosurfactant to aid in emulsifying oils and fats. Microzyme™ Petro Treat has an operating pH range between 5.5 and 8.5 with its optimum being 7.5 pH. Microzyme™ Petro Treat has an effective temperature range from 20°C to 45°C (68° to 113°F), but functions best at around 30°C (86°F).
ACTIVITY	The standard viable microbial count is about 2 Billion CFU/gm or about 900 Billion CFU/lb. Liquid version's viable count is about 1 Billion CFU/ml. Custom formulations can be produced for particular applications, packaging and shipping requirements.
APPLICATION	Microzyme™ Petro Treat is a concentrated product, which may be used for effective bioremediation of several hydrocarbon fractions, oils & fats in contaminated soils, treatment of effluent from work area floor cleanups in machine shops, auto/truck/plane repair garages/hangers; auto/truck/plane washes, and plane de-icing facilities. It is also useful as a biotreatment for waste oil in ship/boat bilges & machinery spaces, and bioremediation of brown fields.
STORAGE place is and	Microzyme™ Petro Treat should be stored between 10°-30°C (50°-86°F). For best retention of dry product's initial viability, storage in a cool dry place is recommended. Avoid prolonged exposure to higher temperatures and humidity. For liquid product, do not allow freezing.
PACKAGING	Microzyme™ Petro Treat is available as liquid or dry powder in wholesale quantities.

Disclaimer:

Nothing disclosed above is to be construed as a recommendation to use our products in violation of any patents or regulations. The information presented above is believed to be accurate. However, said information and products are offered without warranty or guarantee including composition and purity stated herein. Since the ultimate conditions of use and the variability of the materials treated are beyond our control, liability claims may not exceed purchase price of product.