



Wastewater

HYDROCROBE™ LIPASE BLEND

HydroCrobe™ Lipase Blend contains a novel blend of microbes, enzymes and micronutrients specifically formulated to breakdown and digest fats, greases, vegetable oils, soaps and olefins suspended in wastewater. **HydroCrobe™ Lipase Blend** works under both anoxic and anaerobic conditions over a wide wastewater temperature and pH range.

Helps With:

- Processes insoluble oils, fats, and proteins
- Enhances lipid degradation

How It Works:

HydroCrobe™ Lipase Blend provides free lipase enzyme and high lipase producing anaerobic bacteria that will assist in the degradation of waste stream lipids. Other factors of membrane fouling are a combination of factors in the reactor, such as the presence of soluble organics and colloidal particles from the feed, cell lysis, and precipitation of inorganic species; these factors are influenced by the composition of the biological and chemical systems involved, membrane type, hydrodynamic and reactor operating conditions. Lipid accumulation on a UF membrane that are contributing to the caking/fouling of a UF membrane utilized in post anaerobic treatment can be mitigated with **HydroCrobe™ Lipase Blend**.

HydroCrobe™ Lipase Blend will work effectively in anaerobic reactors/basins. The microbes produce a prolific amount of lipase and protease enzymes that penetrate and process insoluble oils, fats and proteins under stressful environmental conditions. Additional Lipase is added to **HydroCrobe™ Lipase Blend** to enhance lipid degradation.

Benefits:

- Anaerobic wastewater treatment aid
- Maintains membrane efficiency

HYDRO SOLUTIONS, INC exists to provide solutions to customers in the air and water treatment industries. We are dedicated to offering customized plans, products, and services to ensure our customers meet their air and water discharge permits while operating their systems at optimum efficiency.

For more information regarding enhanced fats, oil, grease, or lipid degradation and other wastewater treatment solutions, visit hydrosolutions.com or contact our wastewater treatment specialists at 502-899-7107.

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