



Product Bulletin

Liquid Xanthan Gum BIOZAN-L

Product Description

BIOZAN-L is a high purity Xanthan Gum biopolymer, suspended in DGME. This type of polymer is unique when compared to most other polymers in oilfield drilling and completion applications. Xanthan gums are well known for their ability to provide extremely low solids with excellent carrying and suspending characteristics. Fluids thickened with Liquid Xanthan Gum tend to thin at higher velocities and thicken at lower velocities. It is stable at low temperature almost -20°C which can be used in coldest area with good flowability.

Thermal Stability: -20°C(-4°F) ~ 121°C (250°F)

Density: 1.13kg/l

Application

Liquid Xanthan Gum **BIOZAN-L** is a versatile product and can be used in most types of water-based fluids for rheology modification, hole cleaning and solids suspension. It provides excellent friction reduction for coiled tubing operations. It is useful over a wide range pH range. Xanthan gum was the first truly stable thickener for hydroscopic acid used in the oilfield. The Liquid Xanthan Gum suspension is uniquely stable, easily handled and useful in both oilfield and non-oilfield applications.

Liquid Xanthan Gum **BIOZAN-L** is generally non-polluting and safe to handle. The LC50 base 96-hour range finder tests using Mysid shrimp, was 1,000,000 ppm.

Package and Storage

BIOZAN-L is packaged in 20kg Cans , 210Kg drums or 1000kg IBC Tanks. International packaging may vary. And they shall be stored in a shady and dry place with good ventilation.

Safety

Avoid contact with eyes, skins and clothes, otherwise flush it with water. SDS shall be referred for handling methods and hazardous information.