

CHITOREM™ CHITIN COMPLEX

Description

JRW Technologies' CHITOREM™ Chitin Complex for bioremediation is a U.S.A. manufactured food grade biopolymer that slowly degrades yielding electron donors to facilitate bioremediation of chlorinated solvents, perchlorate and metals.

Nitrogen is naturally present in the polymer to facilitate growth. The product is an off-white flaked material insoluble in water, alcohol and most acids. CHITOREM™ Chitin Complex contains the optimal formulation of nutrients and minerals that allows fast action and multi-year longevity.

Typical Properties

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Total chitin content	Greater than 85%
Loss on drying	10%
Ash (dry weight)	1.5%
Caustic solubles	3%
Particle size	3 to 5 mm flake
Density	0.1 – 0.4 g/cc

Applications

Designed for low permeability zones. A field trial conducted in combination with the FRAC RITE™ hydraulic fracturing process generated anaerobic reductive dechlorination for low permeability, variably saturated systems. Potential applications include permeable reactive barriers and hydraulic fracturing. CHITOREM™ chitin complex will complement WILCLEAR™ Lactate Concentrate to provide a combined fast distribution and sustained action product for permeable systems.

Packaging

600lb super sacks

Storage

Store unopened under dry conditions at ambient temperatures.