enventives

VEN-BREAK™15

RECOMMENDATIONS

1. Ven-Break™ 15 can be used in most polysaccharide-based pills to provide a reasonably predictable breakdown time.
2. Ven-Break™ 15 should be used in Ven-Block™ polymer-based lost circulation pills if a predictable break time is desired in a temporary plug.
3. Ven-Break™ 15 can be also be used to break a continuous circulating system of VEN-PLUG™.

SUGGESTED FIELD HANDLING & MIXING

1. Ven-Break™ 15 is typically used in Ven-Block™ pills at concentrations of 0.2 lb/bbl to 0.08 lb/bbl to provide predictable breakdown times of 1-5 days.
2. Dissolve the required amount of Ven-Break™ 15 in a small volume of fresh water. Add solution to a well mixed pit of water prior to adding Ven-Block™.

SPECIAL PRECAUTIONS

1. High temperatures can destroy the effectiveness of Ven-Break™ 15. Long term temperature above 140°F should be avoided.
2. Ven-Break™ 15 does not have an indefinite storage life. Product older than one year should not be used without testing.

GENERAL INFORMATION

Ven-Break™ 15 is a specially formulated, nonoxidizing, enzyme-based breaker for use with various types of polymer-based materials such as Ven-Block™.

Ven-Break™ 15 chemically degrades the large polymer molecules to low weight polymers and simple sugars and breaks polymers plugs back to a flowable liquid. The use of Ven-Break™ 15 in polymer-based lost circulation pills will minimize damage to producing formations.

PACKAGING

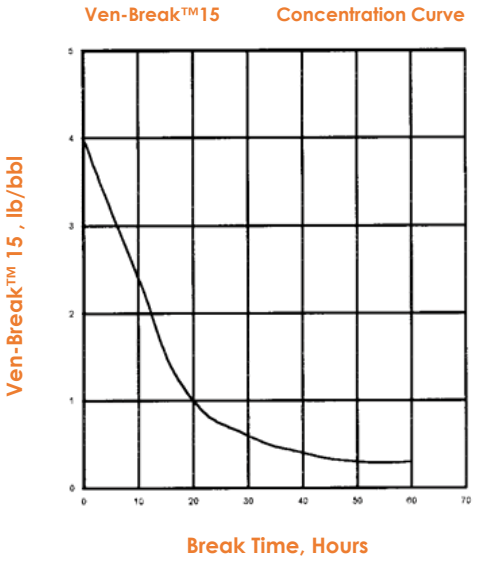
Ven-Break™ 15 is packaged in 1 lb containers and also in 50 lb fiber drums containing individual 1 lb packages.

PHYSICAL AND CHEMICAL PROPERTIES

Bulk Density	:	40-45 lb/cu.ft.
Solubility	:	100% water
Composition	:	Selective enzyme base

STORAGE AND HANDLING

Ven-Break™ 15 should be stored in a cool, dry place and protected from the weather. Ven-Break™ 15 should be mixed into water with good agitation to avoid lumping. Ven-Break™ 15 is nontoxic and noncorrosive. Refer to Safety Data Sheet for specific information concerning storage, handling, transportation, and safety requirements



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