



**HYBRID CHEMICAL
TECHNOLOGIES**

HVFR BREAKER

HVFRB-LT

HVFRB-LT is a cost effective oxidizing breaker designed to reduce viscosity of HVFR (High Viscosity Friction Reducer) and Slickwater systems during hydraulic fracturing treatments. The HVFRB-LT breaking mechanism relies on the oxidation of the carbon bonds in the polyacrylamide chain, chopping up the molecule into shorter segments.

APPLICATION

HVFRB-LT can be used at loadings of 0.05 -0.1 kg/m³ for Slickwater systems and HVFR treatments.

PROPERTIES

Appearance	Solid white powder
Odour	Mild
pH	10
Solubility	Soluble in water
Relative Density	1.3

HANDLING & STORAGE

Handle wearing appropriate PPE. Ensure adequate ventilation. Store out of direct sunlight. Refer to SDS for more information.

OPERATIONAL BENEFITS

- It is a non-regulated product (WHMIS and TDG)
- It maintains optimal performance over a wide range of temperatures and TDS content.
- Effective at minimal loadings (0.05 kg/m³).
- Effective at ambient temperatures, without the addition of breaker accelerators.