

# CLAYMEAN L

Clay and Shale Inhibitor

## PREVENT CLAY FOR SWELLING & STICKING

Claymean L is a drilling fluid additive (organic liquid amine) that is used for chemical inhibition of water sensitive clay and shale formations.

Low chlorides within Claymean L, alternate to KCl or Salt Brines for the prevention of hydration of clays and shale encountered while drilling.

Claymean L prevents drill hole enlargement from washout and sloughing and is best suited for use in polymer based drilling fluids. Maximum effectiveness is achieved at a pH of less than 9.

## FEATURES & BENEFITS

- 100% soluble in fresh or brackish water drilling fluids.
- Concentrated organic amine solution.
- Inhibit infiltration and hydration of reactive clay and shale.
- Can be added in batch form and discontinued to save costs.
- Does not adversely affect viscosity nor does it require shear to mix properly.

## PHYSICAL PROPERTIES:

Specific Gravity: 1.15  
 Pour Point: ↓ -35°C  
 Flash Point: ↑ 100°C  
 Boiling Point: ↑ 100°C

## CHEMICAL PROPERTIES:

Type: Amine salts  
 Solubility: Miscible 100% in water  
 Ionic Charge: Slightly cationic  
 pH: 8.0

## MIXING & HANDLING

Claymean L is 100% soluble in water and only requires that it be mixed in a manner that allows it to disperse evenly so any kind of agitation is sufficient for proper mixing.

WHMIS: Not controlled  
 TDG: Not regulated  
 Packaging: 20L pail

## APPLICATION

Concentration for initial treatments should be 4-6L/m<sup>3</sup> and then maintenance should be at 2-3L/m<sup>3</sup> (this should be monitored closely). Situations may require concentrations up to 10L/m<sup>3</sup>.

