



PRODUCT FEATURES

- Compatible With Crosslink Gels & Breakers
- For Water, Brine Or Acid Systems
- Can Be Mixed On The Fly
- Non-surface Active

DESCRIPTION

KCL-8001 is a specialized liquid product designed specifically for use as a replacement for bagged potassium chloride (KCl). The product provides excellent shale and clay control without the logistics, handling and mixing problems associated with bagged KCl. **KCL-8001** is compatible with all drilling fluids as well as gels, crosslinkers and breaker systems typically utilized in well stimulation and work over operations. The product may be used in fresh water, acid or brine systems and will not hinder the performance of acid corrosion inhibitors. While **KCL-8001** does not contain potassium, it functions like KCl to control shale and clay activity. **KCL-8001** may be mixed "on the fly" to eliminate pre-mixing and leftover brine disposal problems.

RECOMMENDED APPLICATION

KCL-8001 is typically applied at concentrations of 0.5 to 10 gallons per 1,000 gallons of fluid (gpt) depending on the percent KCl being replaced, shale and clay quantities present in the well bore and the operation being performed. Where a 2% potassium chloride functional equivalent is desired, **KCL-8001** is added to fresh water at a concentration of 1 gallon per 1,000 gallons of water.

While **KCL-8001** has been found to be

TYPICAL PHYSICAL PROPERTIES

Form, 70°F	Light Yellow Liquid
Density, lbs/gallon	8.89
Pour Point, °F	-20
pH, (10% Solution)	6.5 – 7.5
Solubility	
Fresh Water	Soluble
High TDS Brine	Soluble
Hydrocarbon	Dispersible
Ionic Charge	Mildly Cationic

compatible with typical gels, crosslinkers and breaker systems utilized in drilling, workover and completion systems, pilot testing is recommended to assure compatibility with a specific system.

It should be noted that **KCL-8001** does not contain any potassium and low chloride. The addition of **KCL-8001** to fresh water will not reduce the freezing point of the water.

STORAGE AND HANDLING

KCL-8001 potassium chloride substitute is available in 55 gallon drums, tote tanks and bulk tank wagons. As with any industrial chemical, keep out of reach of children and avoid prolonged contact with skin and eyes. In case of skin or eye contact, flush the exposed area with copious amounts of water. A material safety data sheet outlining proper handling of this product is available upon request, or will be forwarded upon the purchase of **KCL-8001**.

SHIPPING INFORMATION

All Containers:
Not D.O.T. Regulated

PDS-1202

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