



## **KCL**

### **Product Description**

Potassium Chloride is chemically represented by the formula KCl and is also known by the name of muriate of potash. Potassium Chloride provides potassium ions to inhibit shale swelling and dispersion. It is used to drill the troublesome gumbo shales. Potassium Chloride is the most economical source of potassium ions

### **Applications/Functions**

- Obtain potassium ions level needed to maximize the integrity of drill cuttings and to maintain borehole stability

### **Advantages**

- Provides potassium ions to inhibit shale swelling and dispersion
- Used to drill the troublesome gumbo shales
- The most economical source of potassium ions

### **Typical Properties**

- Appearance: White to reddish crystals
- Specific gravity: 2.0
- Hygroscopic: YES
- Solubility in water: 25% weight

### **Recommended Treatment**

- Potassium Chloride can be added through the mud hopper.
- Drilling conditions and system requirement determine the concentration needed

### **Package**

- 25 KG SACK or CUSTOMIZED