

# POTASSIUM SULPHATE

# PRODUCT DATA

## DESCRIPTION

**Potassium Sulphate (K<sub>2</sub>SO<sub>4</sub>)** is used to provide free potassium (k<sup>+</sup>) ions in water base drilling fluids.

## FEATURES AND BENEFITS

Potassium Sulphate is used to provide free potassium ions.

These ions, being non-hydrated and of the right size, compete strongly for the interlayer sites of swelling clay minerals.

They effectively drive out most of the naturally occurring calcium and sodium ions in these clays.

Potassium Sulphate is primarily utilized to provide free potassium ions in water base drilling fluids.

## RECOMMENDED TREATMENT

The amount of Potassium Sulphate required is normally predetermined by laboratory shale hydration inhibition tests.

## PHYSICAL PROPERTIES

Normal Concentration:	30-50 kg/m <sup>3</sup>
Appearance:	Beige Powder
Specific Gravity:	2.66

<b>WHMIS:</b> Not Controlled	<b>TDG:</b> Not Regulated	<b>PACKAGING:</b> 25 kg Sack
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## Quality, Value & Service

#15, 53016 Highway 60, Acheson, Alberta, Canada T7X 5A7  
Office: 780-482-1312 Fax: 780-451-5193 Toll Free: 877-460-1308  
[www.sodiumsolutions.com](http://www.sodiumsolutions.com)

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