



## **Product Information**

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### **Sodium Sulphite**

#### **GENERAL DESCRIPTION**

Sodium Sulphite ( $\text{Na}_2\text{SO}_3$ ) is a white crystalline compound having a specific gravity of 2.63. It is soluble in water and catalyzed using a cobaltous compound.

#### **FEATURES AND BENEFITS**

Sodium Sulphite is used as an oxygen scavenger in water based mud systems. It may also be used as an anti-oxidant to prevent polymer degradation.

#### **RECOMMENDED TREATMENT**

As an oxygen scavenger it is added continually until the residual Sulphite ( $\text{SO}_3$ ) concentration in the mud filtrate reaches or exceeds 300mg/l. Thereafter, this residual is maintained with daily treatments in the order of 20-60kg, depending on the severity of the dissolved oxygen content in the drilling mud.

#### **HANDLING**

Sodium Sulphite readily decomposes. It is usually added at a concentration of one to two sacks to a barrel of water. After mixing, the mixture is covered with a 10-15cm blanket of diesel to minimize absorption of oxygen from the air and slowly pumped into the central stream of the mud pump suction with an injection pump.

WHMIS:       Controlled (See MSDS)  
TDG:           Not regulated

#### **AVAILABILITY**

Sodium Sulphite is packaged in 25kg sacks and is available from HiTech Fluid Systems Ltd.