

## **SODIUM SULPHITE**

### **OXYGEN SCAVENGER**

**SODIUM SULPHITE (Na<sub>2</sub>SO<sub>3</sub>)** is a soluble sodium salt of sulfurous acid used as an oxygen scavenger in water based mud systems.

#### **FEATURES AND BENEFITS:**

- It may also be used as an anti-oxidant to prevent polymer degradation.

#### **RECOMMENDED TREATMENT:**

Oxygen scavenger: added continually until the residual sulphite (SO<sub>3</sub>) concentration in the mud filtrate reaches or exceeds 300 mg/L.

Thereafter, this residual is maintained with daily treatments in the order of 20 – 60 Kg, depending on the severity of the dissolved oxygen content in the drilling mud.

#### **PHYSICAL PROPERTIES:**

Appearance:	White crystals, odourless
Specific Gravity:	2.63
pH (1% solution):	9.8
Solubility:	Soluble

#### **MIXING/HANDLING:**

Sodium Sulphite readily decomposes. It is usually added at a concentration of 1 – 2 sacks to a barrel of water. After mixing, the blend is covered with a 10 – 15 cm blanket of diesel to minimize absorption of oxygen from the air and slowly pumped into the central stream of the mud with an injection pump. Refer to the SDS for specific precautions and handling requirements.

**PACKAGING: 22.7 Kg bags / 40 bags/pallet**