



Product Information

Sodium Sulphite

GENERAL DESCRIPTION

Sodium Sulphite (Na_2SO_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 (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.