

Sodium Bisulfate

PH REDUCTION ALTERNATIVE

REDUCE THE PH OF DRILLING FLUIDS

Sodium Bisulfate is an effective alternative to sulphamic acid or citric acid for lowering the pH of drilling fluids. Sodium Bisulfate comes in the form of dry (anhydrous) water-soluble, odorless granules that are white to off-white in colour.

The primary advantages of Sodium Bisulfate over citric or sulphamic acids are **availability and cost-effectiveness**. Di-Corp's Sodium Bisulfate is sourced from within North America and therefore less subject to high overseas shipping costs and international supply chain interruptions.

APPLICATION

When used as an alternative to Sulphamic Acid for pH adjustment, lab testing has shown that at least 50% more **Sodium Bisulfate** is required in order to achieve the same result.

MIXING & HANDLING

Under normal conditions of storage and use, hazardous reactions will not occur.

Do not store dry product where exposed to moist conditions. **Sodium Bisulfate** is reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

Rubber gloves, full clothing, rubber apron and eye and face protection are recommended when mixing to avoid contact with unprotected skin.

Contaminated clothing should be laundered before reuse.

WHMIS: Serious eye irritation and/or eye damage (see SDS)

TDG: Not regulated

Packaging: 25 kg sack

PHYSICAL PROPERTIES:

Appearance: White or off-white crystalline granules

Molecular Weight: 120.06

Molecular Formula: NaHSO_4

Melting Point: 177°C (350.6°F)

CHEMICAL PROPERTIES:

Type: Anhydrous

Solubility: Water-soluble

pH of 5% solution: approx 1.0