SODA ASH

P1610.9303

WBM/OBM Drilling

Product Description

SODA ASH is the common name for sodium carbonate (Na? CO?).

Product Function

Calcium contamination may cause undesirable increases in rheology, gel strengths, and filtration problems, as well as inhibit the viscosity and gel properties of dry bentonite when added to water. The concentration of soluble calcium will determine the amount of Soda Ash required to treat the water or drilling fluid.

Features and Benefits

SODA ASH is highly soluble and effective means of treating out soluble calcium as derived from make up water, cement and anhydrite in water base drilling.

Recommended Treatment

To treat calcium out of make up water, multiply the total hardness of the water (mg/liter) by 0.0009 to find the lb/bbl or by 0.00257 to find the kgs/m3 of Soda Ash to add. Do not use Soda Ash to treat massive cement contamination, as an increase in pH will occur. Over treatment with Soda Ash can result in carbonate contamination of the drilling fluid. Do not mix Soda Ash and caustic soda at the same time.

International Shipping References

Transportation of SODA ASH is not restricted by any regulatory agency.

Standard Packing

SODA ASH is packaged in 50 kgs multiwall paper sack.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles and apron is recommended for employee comfort and protection. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Both
- Sub Category: Sodium Carbonate
- SG value: 2.53
- Purityss: 99 min
- Max Temperature: 300
- Category: Commercial
- Product Tier: Regular
- Appearance: White free flowing powder
- pH (1% solution): 11 min

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