Product Bulletin

LIQUID BLEACH

P1652.1602

WBM Drilling

Product Description

LIQUID BLEACH is Sodium Hypochlorite in water. LIQUID BLEACH is liquid Oxidizer used to remove/disperse drilling mud filter cakes. It can also be used as a bactericide. LIQUID BLEACH is available in 12-14 % Concentration as standard liquid. But it can be provided in lower or higher concentrations based on customer requirement.

Features and Benefits

LIQUID BLEACH is used to degrade the polymers. It is a strong oxidizing agent used to dissolve all organic material. By-products from the reaction include NaCl, CO2 and possibly NaOCl3 (sodium chlorate) and chlorine gas. LIQUID BLEACH is strong oxidizer and starts oxidizing the polymer as soon as it comes in contact with them. LIQUID BLEACH is completely biodegradable. LIQUID BLEACH is available in Membrane Grade (Fluoride free)

International Shipping References

The regulatory authorities classify LIQUID BLEACH as Corrosive. Tech. Name : HYPOCHLORITE SOLUTION CAS No. : 7681 HS Code : 2828 TRANSPORT : 8 (Corrosive) HAZARD CLASS PACKAGING : II GROUP UN NUMBER : UN 1791 Note: Secure containers (full/empty) with suitable hold down devices during shipment

Safe Handling Recommendations

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

Typical Physical Properties

- Physical State: Liquid
- Max Temperature: 280
- Reservoir Compatible: Both
- Category: Oxidizer
- Sub Category:
- Product Tier: Regular
- SG value: 1.2
- Appearance: Clear greenish-yellow liquid
- Standard Concentration: 12-14% w/v
- Concentration: As required from 3-30%
- Specific Gravity (25 ?C): 1.05 - 1.30
- pH: 12

Product Function

LIQUID BLEACH is strong oxidizer and starts oxidizing the polymer as soon as it comes in contact with them. LIQUID BLEACH will break down the polymers present in the drilling fluids filter cake. LIQUID BLEACH can be used for anti bacterial treatments, as disinfectant, source of available chlorine or as deodorizer.

Recommended Treatment

The recommended dose of LIQUID BLEACH needed will depend the type of the filter cake formed but for normal applications a dose of 1-5% v/v can be used for treatment. Pilot test is recommended for customer application purposes.

Standard Packing

LIQUID BLEACH is 5 gal pails/ cans , 25 liters can, drums or trucks for larger treatments

+971 2 610 7000
info@ppc.ae | www.ppc.ae
Abu Dhabi | UAE

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