DESCALER RS

P1103.9404

WBM Drilling

Product Description

DESCALER RS is an alkaline solution containing a proprietory blend of sequestering agents.

Product Function

DESCALER RS is a scale dissolving chemical especially developed for the removal of Barium and Strontium scales, that are insoluble in conventional solvents or mineral acids.

Features and Benefits

DESCALER RS can be used for scale removal in either production or downhole equipment, or for deposits from the near wellbore area. DESCALER RS will eliminate costly pulling operations and physical descaling of pumps and tubing.

Recommended Treatment

DESCALER RS acts by softening or dissolving Barium and Strontium scales. The rate of reaction depends on the contact time, agitation or circulation, temperature and product dosage rate. For optimum scale dissolution in downhole application, some means of agitation such as circulation or periodically pumping the product back and forth through the scaled zone will reduce the time required for deposit removal. A minimum contact time of 24 hours is recommended. Treatment levels are dependent upon quantity of scale to be removed. Product efficiency is improved when diluted to 30% with freshwater, sea water or potassium chloride brine. Check the solution pH after dilution. If the pH is less than 11.0, increase with addition of potassium hydroxide.

International Shipping References

Regulatory agencies classify DESCALER RS as an irritants material (UN 1813) for transportation.

Standard Packing

DESCALER RS is packaged in 55 USG HDPE drum containing 270 kgs net.

Safe Handling Recommendations

DESCALER RS, being a strong alkaline solution will cause severe burns, when handling or mixing the product. Chemical safety goggles with plastic or rubber frames equipped with resistant glass or plastic lenses should be worn. Plastic face shields should be worn in addition to the goggles. In addition it is recommended to use resistant gloves, apron, respirator and safety shoes. Please consult the product material safety data sheet (MSDS) prior to use.

Typical Physical Properties

- Physical State: Liquid
- Reservoir Compatible: Both
- Sub Category:
- SG value: 1.3
- pH (10% solution): 11 - 12
- Flash Point: >100 ?C
- Thermal Stability: 180 ?C
- Solubility in hydrocarbons: Insoluble
- Max Temperature: 350
- Category: Scale Inhibitors
- Product Tier: Regular
- Appearance: Yellow liquid
- Specific Gravity (20 ?C): 1.29 - 1.31
- Decomposition Temp: >200 ?C
- Solubility is Water/Brine: Soluble
- Solubility in alchohol: Partially soluble

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

PETROCHEM
DRILLING FLUIDS SOLUTIONS
A MAZRUI ENERGY SERVICES COMPANY

Petrochem Performance Chemicals Limited LLC believes in good faith that the information presented in this bulletin is accurate and reliable. No other representation or warranties are given or made in relation to the information or the products of whatsoever nature, and Petrochem Performance Chemicals Limited LLC assumes no responsibility for advice or recommendations made herein or any other information disseminated concerning this product. Petrochem Performance Chemicals Limited LLC will replace or issue credit for the purchase price of any product determined to be defective at delivery. Under no circumstances shall Petrochem Performance Chemicals Limited LLC or its responsible personnel be liable for any special or consequential damages whatsoever.