

PROTEUS 545

PRODUCT DATA

PRODUCT DESCRIPTION

Neptune Proteus 545 is a thioamide complex that provides corrosion protection in high brine fluids from relatively low levels of H₂S, CO₂, oxygen and MIC. Proteus 545 is typically applied during pressure testing operations in order to prevent corrosion attack on the steel during normal operations, and a second treatment is applied after normal operations to prevent any corrosion due to residual fluids remaining in the string after nitrogen purge operations. Recommended dose for treatment is 5 to 10 gallons per 100 bbl of string volume. Review the SDS prior to use.

FEATURES

- Establishes a strong film for corrosion protection
- Prevents acid gas attack corrosion
- Offers biodegradable properties
- Maintains steel integrity

PROPERTIES

- Physical: amber liquid
- Solubility (water): soluble
- Density (lb/gal): 8.3 ± 0.15
- pH: 5.1 ± 0.2
- Pour point (°F): < 17
- Flash point (°F): > 150

SAFETY

- Health: 2
- Fire: 1
- Physical hazard: 0
- DOT: Not regulated



Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either expressed or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Corrosion can not be entirely prevented. Manufacturing methods employed coiled tubing manufacturers may affect asset and chemical performance. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacturing, packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however. ©2022 Neptune Chemical Corporation, LLC. All Rights Reserved.