# ONYX PURIFEX 2000

## PRODUCT DESCRIPTION

**PURIFEX 2000** is used as a Sulphur free oxygen scavenger used in calcium and zinc base brines and sea water and completion fluids.

| Physical Parameters | |
|---|---|
| Appearance | Clear to Pale yellow |
| Odor | None |
| pH | 5.5-8.0 |
| Sp. Gravity@ | 1.05-1.1 |

## FEATURE AND BENEFITS

**PURIFEX 2000** is a fast-acting liquid accepted by HSE (Health, Safety and Environment) and effective at low temperatures.

## APPLICATION

**PURIFEX 2000** effectively scavenges oxygen from water-based drilling and completion fluids resulting in reduced corrosion rates. ONYX inhibits corrosion caused by the presence of dissolved oxygen in completion and workoverbrines**.**

## TREATMENT

**PURIFEX 2000** should be injected full strength into mud pump suction. This technique avoids depletion of the scavenger due to mixing and handling. The concentration of 1-1.5 lbm/bbl or 2.5 lit/m3 should be maintained at the flow line. If the concentration of dissolved oxygen is high this level should be increased proportionately 5 times of Dissolved oxygen concentration. **PURIFEX 2000** required to maintain this level will be dependent upon the oxygen level and circulating rate. Where filtrate calcium levels are above 40 mg/lit maintenance of 0.5 ppb PURIFEX 2000 is recommended.

## SHIPPING

International regulatory agencies classify PURIFEX 2000 as a noncorrosive substance for transportation.

## SAFETY PRECAUTIONS

Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles and apron is recommended for employees comfort and protection. However the product might be slightly irritating to skin and eyes. In case of eye and prolonged skin contact, rinse with plenty of water and apply eye wash or skin cream after flushing.

Shelf life of this product, once opened will react with air and reduce its activity level. Keep lid,closed at all times. Suggested shelf life is 1-1.5 years in sealed/ closed condition for maximum activity.

## PACKING

**PURIFEX 2000** is packed in 208 Ltr HDPE drums
Or available under custom packing.