

SAFE-T-COAT

CORROSION INHIBITOR

SAFE-T-COAT is an oil-soluble, water dispersible, film-forming amine corrosion inhibitor for use in fresh water and brine-based fluids. SAFE-T-COAT acts by coating metal surfaces to minimize corrosion. SAFE-T-COAT contains a neutralized (pH 7-8) film-forming imidazoline and other additives in a solvent base.

FEATURES AND BENEFITS:

- For use in fluids where hydrogen sulfide, carbon dioxide and oxygen corrosion are present.
- Applications include KCl polymer fluids, polymer-based workover fluids and packer fluids.
- Can be used in any fluid while drilling or working in formations containing acid gases.
- Can be used neat, diluted with solvent and batch-treated into the mud system or applied directly to tubulars for corrosion protection.

RECOMMENDED TREATMENT: *Normal use (circulation systems):* 2.5 – 3.5 L/m³
Daily maintenance: 0.25 – 0.5 L/m³
Packer fluids: 0.5% by volume

Note: Caution should be exercised when adding directly to high calcium/TDS systems as the product may NOT disperse adequately in the drilling fluid. SAFE-T-COAT may still be sprayed, batch or slug treated. SAFE-T-COAT is not compatible with many other corrosion inhibitors and should be used alone or in conjunction with oxygen scavengers only. Pilot testing is recommended.

PHYSICAL PROPERTIES:

Appearance:	Amber liquid; phenolic odour
Specific Gravity:	0.98-1.01
Temperature Stability:	150°C

MIXING/HANDLING:

Preferred method of addition is either spray or wipe directly on the pipe or slug/batch directly at the suction or down the drill pipe. Alternatively it may be added neat or diluted with solvent in the chemical barrel then *slowly* added at the suction over a 24-hr period.

For coating metal surfaces: Either spray or wipe directly on the pipe while it is being pulled or add to the mud by first diluting in a chemical barrel.

For hydrogen sulfide / carbon dioxide protection: Add 1L per m³ of mud for every 125 mg/L of corrosion gas present in mud. Refer to the SDS for specific precautions and handling requirements.

PACKAGING: 20L pails / 32 pails/pallet