



CORSAF SF Corrosion Inhibitor

Corrosion Control

PRODUCT DATA SHEET

General Description

This amine based corrosion inhibitor is designed for use with solid free brines. CORSAF™ SF corrosion inhibitor is effective for sodium, potassium, calcium, and zinc brines. It is a water soluble, film forming amine that can be used at temperatures up to 350°F.

Features and Benefits

- CORSAF SF is compatible with CRA Metallurgy.
- CORSAF SF has been tested and is approved for use in MatchWell® fluids.
- CORSAF SF is compatible in all brine types.
- CORSAF SF is easily poured and mixed.

Application Information

CORSAF SF corrosion inhibitor is recommended for the treatment of brines in well applications utilizing corrosion resistant alloys where a thiocyanate based inhibitor is not appropriate. CORSAF SF may be used in conjunction with OxBan™ and OxBan HB oxygen scavengers.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Material Safety Data Sheet for specific details.

PHYSICAL PROPERTIES	
Appearance	Dark amber liquid
Flash Point	> 200°F (93°C)
pH	9.2
Specific Gravity	1.08 @ 60°F (16°C)
Viscosity	7.2 cst @ 100°F (38°C)
Water Solubility	Soluble in water

PACKAGING INFORMATION
5 gallon pail, 32 pails per pallet 55 gallon drum, 4 drums per pallet

RECOMMENDED TREATMENT
The treatment concentration of CORSAF SF is dependent upon brine system and density, bottomhole temperature, well metallurgy, and contaminants. Recommended treatment rates for CORSAF SF can range from 15 to 30 gallons per 100 barrels of fluid. CORSAF SF is easily dispersed into brines with gentle agitation. Avoid aeration of the fluid during the addition of CORSAF SF. Consult a TETRA representative for specific recommendations.



This Additive Has Been Tested and is Approved for Use in MatchWell® Fluids.

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281.367.1983

TETRA Technologies, Inc.
25025 Interstate 45 North, Suite 600
The Woodlands, TX 77380

www.tetrathec.com

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