

# H<sub>2</sub>S Scavenger ZF

Corrosion Control

PRODUCT DATA SHEET

## General Description

H<sub>2</sub>S Scavenger ZF is a truly unique zinc free aqueous polymeric amino alcohol solution that converts toxic hydrogen sulfide and most other organic sulfur containing compounds into a useful, effective corrosion inhibitor that is soluble in water.

## Features and Benefits

- H<sub>2</sub>S Scavenger ZF replaces hazardous undesirable reactant scavenger products.
- H<sub>2</sub>S Scavenger ZF creates a useful, effective corrosion inhibitor that is soluble in water.
- H<sub>2</sub>S Scavenger ZF does not contain or generate any measurable, undesirable formaldehyde.

## Application Information

H<sub>2</sub>S Scavenger ZF is used to remove H<sub>2</sub>S from liquid and/or gas phases of completion, packer, and workover fluids. It can also be used as a preventative measure in preparation of a packer fluids or when using seawater as an injection fluid.

## 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. Keep container tightly closed when not in use. Store in cool dry place. Use properly designed respirator if adequate ventilation is not available. Refer to the Material Safety Data Sheet for specific details.

PHYSICAL PROPERTIES	
Appearance	Dark red solution
Incompatibility	None known
pH	9.0 - 11.0
Specific Gravity	1.04 - 1.06
Boiling Point	> 212°F
Water Solubility	Soluble in water

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

RECOMMENDED TREATMENT
The recommended treatment for H <sub>2</sub> S Scavenger ZF is 2 - 3 ppm H <sub>2</sub> S Scavenger ZF to 1 ppm hydrogen sulfide in the liquid phase. If using a vapor phase, the reaction is directly proportionate the liquid reaction and can be figured by calculating the ppm weight of hydrogen sulfide in the atmosphere.
Fluid should be treated immediately prior to pumping. Treatment of higher volume intrusions requires injection of correspondingly larger quantities of H <sub>2</sub> S Scavenger ZF.
Consult a TETRA representative for specific recommendations.

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