

IRON SULFIDE REMEDIATION

IRON SULFIDE DISSOLVER SERIES

Iron sulfide control & remediation

The **IRON SULFIDE DISSOLVER (ISD) SERIES** are aqueous solutions of THPS used for the remediation of both pyrophoric and non-pyrophoric iron sulfide mineral deposition and fines without the associated acid gas emissions. Each product in the series is formulated to overcome specific system challenges to effectively chelate iron sulfide minerals and provide vessel or unit entry with reduced decontamination times.

• **IRON SULFIDE DISSOLVER** - 75% THPS for direct FeS inhibition and control

• **IRON SULFIDE DISSOLVER OPP** - 20.25% THPS with activator for direct FeS control

• **IRON SULFIDE DISSOLVER OSP-1** - 15% THPS with activator/surfactant for systems heavily fouledwith hydrocarbon deposits.

FEATURES & BENEFITS

- Non-combustible
- · Contains added corrosion inhibitor
- Product coloration changes with saturation
- Wastewater friendly
- Dramatically reduces turn-around time
- · Low toxicity when applied
- · Readily biodegradable
- Easily diluted to desired concentration in most types of water

DIRECTIONS FOR USE

Treatment rates

Preliminary recommendations include applications at concentrations within the range of 25-50% v/v aqueous dilution for most remediation procedures.

Use the prescribed ISD Series product as part of a designed procedure at temperatures within 60°C.

Dwell time / Operation time

Dependent on job, site and method of application. Dwell time may vary from 6-10 hours depending on depth of scaling and degree of contamination. Retain monitoring, measuring pH, dissolved iron, etc., is recommended.

Consult with your West Penetone sales representative for procedures that are best suited for your application.

