

IRON SULFIDE DISSOLVER OPP

ONE-PACK PROCEDURAL IRON SULFIDE REMEDIATION

IRON SULFIDE REMEDIATION



IRON SULFIDE DISSOLVER OPP is a one-pack procedural product useful for the dissolution of both pyrophoric and non-pyrophoric iron sulfide mineral deposition in applications or systems where water quality is insufficient for full THPS activation and use. It effectively chelates iron sulfide minerals without the associated acid gas emissions to provide vessel or unit entry with reduced decontamination times.

FEATURES AND BENEFITS

- Non-combustible
- Contains added corrosion inhibitor
- Contains added THPS activator
- Compatible with surfactants for additional penetration and removal of surface deposits
- 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
- One-pack procedural alternative to the product **IRON SULFIDE DISSOLVER**

DIRECTIONS FOR USE

Use procedure

Use **IRON SULFIDE DISSOLVER OPP** as part of a multi-stage chemical circulation procedure by injection into a water-vapor or liquid stream. Consult with your local West Penetone sales representative for procedures that are best suited for your application.

Concentration

Preliminary recommendations include applications at concentrations of 25-30% v/v aqueous dilution for remediation of iron sulfide accumulation. Most effective when used at full concentration.

Use temperature

Ambient up to 60°C (140°F). Most effective at higher temperatures.

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.

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PHYSICAL PROPERTIES

Appearance	Yellow liquid
Odour	Pungent
Specific Gravity @ 20°C	1.05-1.15
Viscosity	Thin
pH	3.0-5.0
Flash Point (TCC)	None
Boiling Point	Not determined
Freezing Point	Not determined
Foaming Tendency	Nil
Concentration Monitoring Techniques	Titration
Rinsability	Excellent
Water Solubility	Complete

INCOMPATIBILITY

Alkali and strong oxidizing materials

WAREHOUSING PRECAUTIONS

Keep container closed when not in use

Protect from extreme temperatures

AVAILABLE SIZES

			
205L / 54,16Gal			

FIRST AID MEASURES

EYE CONTACT

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

SKIN CONTACT

Wash with soap and water. Consult physician if irritation develops or persists.

INHALATION

Give fresh air or artificial respiration. Consult physician.

INGESTION

Do not induce vomiting. Drink 1 or 2 glasses of water and contact physician immediately.

HEALTH

1

FLAMMABILITY

0

REACTIVITY

0

LEGEND

0 = MINIMAL RISK
1 = SLIGHT RISK
2 = MODERATE RISK
3 = SERIOUS RISK
4 = SEVERE RISK

PERSONAL PROTECTION Security equipment



WHMIS



IMPORTANT: Before using IRON SULFIDE DISSOLVER OPP, always be sure to read and follow precautions and directions for use appearing on the product container label and on the material safety data sheet (m.s.d.s.).



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