

IRON SULFIDE REMEDIATION



IRON SULFIDE DISSOLVER OSP-1 is a fully-formulated remediation product designed to remove both pyrophoric and non-pyrophoric iron sulfide mineral deposits, entrapped in hydrocarbon fouling or within an aggressive hydrocarbon matrix, without the associated acid gas emissions. It effectively chelates iron sulfide minerals and emulsifies hydrocarbon foulant to provide vessel or unit entry with reduced decontamination times.

FEATURES AND BENEFITS

- Non-hazardous
- Non-combustible
- Contains added corrosion inhibitor
- Product coloration changes with saturation
- Wastewater friendly
- Low toxicity when applied
- Readily biodegradable
- Easily diluted to desired concentration in most types of water
- Will assist in mitigating small concentrations of hydrogen sulfide gas

DIRECTIONS FOR USE

Use procedure

Use **IRON SULFIDE DISSOLVER OSP-1** as part of a chemical circulation procedure via direct 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 40-50% v/v aqueous dilution for most remediation procedures. Most effective when used at full concentration.

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

Use temperature**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 is recommended.

IRON SULFIDE DISSOLVER OSP-1

ONE-STEP IRON SULFIDE REMEDIATION

PHYSICAL PROPERTIES

Appearance	Yellow liquid
Odour	Acidic
Specific Gravity @ 20°C	1.09
Viscosity	Thin
pH	4.0-5.0
Flash Point (TCC)	None
Boiling Point	Not determined
Freezing Point	Not determined
Foaming Tendency	High
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 OSP-1, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).

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