

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.

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 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 available
Foaming Tendency	High
Concentration Monitoring Techniques	Titration
Rinsability	Excellent
Water Solubility	Complete

INCOMPATIBILITY

Strong oxidizing, reducing or alkaline materials.

WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place.

AVAILABLE SIZES



205L /
54,16Gal

FIRST AID MEASURES

EYE CONTACT

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

SKIN CONTACT

Wash with plenty of water. If skin irritation or rash occurs: get medical advice/attention. Take off contaminated clothing and wash it before reuse.

INHALATION

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

INGESTION

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

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



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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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