

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.

IRON SULFIDE DISSOLVER OPP

ONE-PACK PROCEDURAL IRON SULFIDE REMEDIATION

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

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. Immediately 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



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 safety data sheet (S.D.S).