

IRON SULFIDE DISSOLVER OPP

ONE-PACK PROCEDURAL
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.

IRON SULFIDE DISSOLVER OPP is easily diluted to desired concentration in most types of water.

FEATURES & 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



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.

PHYSICAL PROPERTIES

Appearance

Clear, yellow liquid

Odour

Acidic

Specific gravity @ 20 °C

1.100

Viscosity

Not available

pH

3.0-5.0

Flash point (TCC)

None

Water solubility

Complete

Boiling point

Not available

Freezing point

Not available

Foaming tendency

Nil

Rinsing

Excellent

Concentration monitoring techniques

Titration

INCOMPATIBILITY

Strong oxidizing, reducing
or alkaline materials

WAREHOUSING PRECAUTIONS

Keep containers tightly closed away
from direct sunlight in a dry,
cool and well-ventilated place

AVAILABLE SIZES

			
		205L	

IMPORTANT

Before using **IRON SULFIDE DISSOLVER OPP**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

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.

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.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

PERSONAL PROTECTION



WHMIS

