

IRON SULFIDE REMEDIATION



PENSCRUB AG-150 is a low-pH scale mitigation aid designed to control excessive evolution of hydrogen sulfide gas in pyrophoric and non-pyrophoric iron sulfide remediation procedures employed in post-operational cleaning applications. The inhibited formulation also reduces pitting, corrosion or cracking in a variety of vessel, unit or line application procedures.

FEATURES AND BENEFITS

- High acid strength
- Contains no added formaldehyde
- Contains corrosion inhibitor
- Controls residual iron scale precipitation
- Hydrochloric acid alternative formula available in the product **PENSCRUB APG-150**
- Controls a higher amount of H₂S than the product **PENSCRUB A-150**
- Provides rapid scale dissolution
- Dramatically reduces turn-around time
- Low-fuming
- Easily diluted to desired concentration
- Compatible with a variety of pH indicators to visually monitor changes in pH, depending on application dilution

DIRECTIONS FOR USE

Use procedure	Use PENSCRUB AG-150 as part of a circulation, immersion or cascade chemical cleaning application. Rinse procedure recommended. Consult with your local West Penetone sales representative for the procedures best suited for your application.
Dosage application	Preliminary recommendations include a minimum concentration of 10% v/v with water for all applications.
Use temperature	Ambient temperature to 40°C-50°C (104°F-122°F) is recommended. Reaction rate for abating H ₂ S slows at lower temperatures.
Dwell time/Operation time	Dependent on job, site and method of application. Retain monitoring is recommended.

PENSCRUB AG-150

IRON SULFIDE SCALE CONTROL & LOW-PH H₂S REMEDIATION

PHYSICAL PROPERTIES

Appearance	Clear to yellow liquid
Odour	Pungent
Specific Gravity @ 20°C	1.120-1.130
Viscosity	Low
pH	<1
Flash Point (TCC)	None
Boiling Point	Not available
Freezing Point	Approx. -40°C (-40°F)
Foaming Tendency	Moderate
Concentration Monitoring Techniques	pH, titration
Water Solubility	Complete
Rinsability	Excellent

INCOMPATIBILITY

Chlorinated alkaline and alkaline materials
May be corrosive to soft metals

WAREHOUSING PRECAUTIONS

Keep container closed when not in use
Keep from freezing

AVAILABLE SIZES

		
20L / 5,28Gal.	205L / 54,16Gal	1000L / 264,17Gal.

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

Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing 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

3

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 PENSCRUB AG-150, 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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