

IRON SULFIDE REMEDIATION



PENSCRUB A-150 is a low-pH scale mitigation aid designed to abate the emission of hydrogen sulfide gas especially where iron sulfide scale is present. The inhibited formulation is effective in a variety of vessel, unit or line application procedures including circulation, immersion, and cascade flushing without causing pitting, corrosion or cracking.

FEATURES AND BENEFITS

- High acid strength
- Controls residual iron scale precipitation
- Non-acidic formula available in the product **PENSCRUB A-200**
- High H₂S capacity formula available in the product **PENSCRUB AG-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

May be used with an adequate foaming system or by dilution and direct injection when used as part of a circulation, immersion or cascade procedure. Consult with your local West Penetone sales representative for procedures best suited for your application.

Dosage application

Preliminary recommendations include a minimum of 25-30 L/m³ (24-29oz. /ft³) where concentrations of 100 ppm_w H₂S are measured. For all other applications, dilute to a maximum of 14-16% v/v with water, depending on the amount of scale to be removed.

Use temperature

Cold to ambient temperature water is recommended.

Dwell time/Operation time

Dependent on job, site and method of application. Retain monitoring is recommended.

PENSCRUB A-150

SCALE REMOVAL & LOW PH HYDROGEN SULFIDE REMEDIATION

PHYSICAL PROPERTIES

Appearance	Clear liquid
Odour	Acidic
Specific Gravity @ 20°C	1.035-1.040
Viscosity	Moderate
pH	<1
Flash Point (TCC)	None
Boiling Point	Approx. 100°C (212°F)
Freezing Point	Approx. -15°C (5°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 A-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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