

PENSCRUB A-150

SCALE REMOVAL & LOW PH HYDROGEN 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.

Non-acidic formula available in the product **PENSCRUB A-200**.

High H_2S capacity formula available in the product **PENSCRUB AG-150**.

FEATURES & BENEFITS

- High acid strength
- Controls residual iron scale precipitation
- 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.

Concentration

Preliminary recommendations include a minimum of 25-30 L/m³ (24-29oz. / ft³) where concentrations of 100 ppm_w H_2S 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.

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PHYSICAL PROPERTIES

Appearance	Clear, colorless to yellow liquid
Odour	Acidic
Specific gravity @ 20 °C	1.035-1.040
Viscosity	Not available
pH	<1.0
Flash point (TCC)	None
Water solubility	Complete
Boiling point	Approx. 100°C (212°F)
Freezing point	Approx. -15°C (5°F)
Foaming tendency	Moderate
Rinsing	Excellent
Concentration monitoring techniques	pH, titration

INCOMPATIBILITY

Strong or chlorinated alkali, amphoteric or light metals

WAREHOUSING PRECAUTIONS

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

AVAILABLE SIZES

			
	20L	205L	1000L

IMPORTANT

Before using **PENSCRUB A-150**, 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

Take off immediately all contaminated clothing. Rinse skin with soap and 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.

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.

PERSONAL PROTECTION



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