

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

Flush with plenty of water for 15 minutes. Contact physician if irritation persists or develops.

SKIN CONTACT

Flush with plenty of water for 15 minutes. Contact physician if irritation persists or develops.

INHALATION

Give fresh air or artificial respiration. Consult physician.

INGESTION

Do not induce vomiting (aspiration hazard). Drink plenty of water and contact physician immediately.

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).

MONTRÉAL

10,900 rue Sécant
Anjou, QC H1J 1S5
Tel.: 514-355-4660
Toll free : 1-800-361-8927

EDMONTON

11411-160 Street
Edmonton, Alberta T5M 3T7
Tel.: 780-454-3919
Toll free: 1-866-454-3919