

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 H₂S 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

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

SKIN CONTACT

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

INHALATION

Give fresh air or artificial respiration. Consult physician.

INGESTION

Do not induce vomiting. 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 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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