

ROC 40

ENZYME-BASE CLEANER & DEGASIFICATION AID

ROC 40 is an enzymatic product used for all vessel entry procedures.

It penetrates foulant to mitigate benzene and LEL emissions, H₂S gas and pyrophoric iron accumulation while providing vessel entry with reduced decontamination times.

ROC 40 improves solubilization of VOC's with vapors pressures > 1 atm by $\geq 20\%$ by weight in water.

FEATURES & BENEFITS

- Pleasant wintergreen fragrance
- Near-neutral pH
- Non-hazardous
- Non-flammable
- Toxicity data available
- Compatible with all metallurgy
- Wastewater friendly
- Effective for many types of vessel cleaning and plant shutdowns
- Versatile application methods



DIRECTIONS FOR USE

Use procedure

May be used with adequate steam or high-pressure systems or by direct injection when used as part of a circulation procedure. Consult with your local West Penetone sales representative for procedures best suited for your application.

Dosage application

Dependent on degree of hydrogen sulfide and LEL emissions.

A minimum concentration of 5-10% v/v with water is recommended when applying by high-pressure or as part of a prescribed volume circulation/cascade procedure.

When used as part of an injection procedure apply at a maximum rate of 4-6 L/min (1-1,5 gal./min) into steam or 6-8 L/min (1,5-2 gal./min) into a continuous water stream.

Use temperature

60 - 80°C (140 - 176°F) 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, green liquid
Odour	Wintergreen
Specific gravity @ 20 °C	1.015-1.025
Viscosity	Not available
pH	10.45-11.45
Flash point (TCC)	None
Water solubility	Complete
Boiling point	100°C (212°F)
Freezing point	-1°C (30°F)
Foaming tendency	High
Critical Micelle Concentration (ppm _v)	4000
VOC Solubility (ppmw as propane in 5% v/v solution)	390
Rinsing	Excellent
Concentration monitoring techniques	Test strip, Surface tension

INCOMPATIBILITY

Strong oxidizing materials, acids, 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 **ROC 40**, 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

Rinse mouth. Remove person to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed by medical personnel. Call a POISON CENTER or doctor/physician if you feel concerned or unwell.

Skin contact

Wash with plenty of water. If skin irritation or rash occurs, Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Inhalation

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

PERSONAL PROTECTION



WHMIS



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