

H₂S SCAVENGERS / DEGASIFICATION



ROC 60VP is a product used in vapor phase applications requiring the removal of high H₂S concentrations as well as for foulant removal and LEL reduction. It is also effective in liquid phase applications where high temperature is required or useful.

FEATURES AND BENEFITS

- Contains no added formaldehyde
- Eliminates higher concentrations of H₂S than **ROC 40** or **ROC 45**
- Effective alternative to ROC 55X in liquid phase applications completed at high temperatures
- Suitable for environments with temperatures as low as -20°C (-4°F)

DIRECTIONS FOR USE

Use procedure

Add **ROC 60VP** directly to circulation loop or steam line at a maximum rate of 4-6 L/min. (1,26 - 1,58 gal.)

Dosage application

For water circulation, the scavenging rate of ROC 60VP is:
 $\frac{0.4 - 2.8 \text{ L}}{\text{m}^3}$ (0.4-2.8 oz/ft³) per 100 ppm_w sulfide

For vapor phase applications, **ROC 60VP** removes:
 0.10-0.12 lb H₂S/L of **ROC 60VP** or approximately 30,000 ppm_v (2.5 lb per 1000 ft³) in air per litre of product.

Use temperature

For use in boiler feed water or low pressure steam applications.

Dwell time/Operation time

Dependent on job, site and method of application. 6-10 hours is recommended when accompanied by hourly gas testing and monitoring of circulation or condensed fluid.

ROC 60VP

HIGH-TEMP. STABLE SULFIDE SCAVENGER & DEGASIFICATION AID

PHYSICAL PROPERTIES

Appearance	Blue liquid
Odour	Alcohol/amine
Specific Gravity @ 20°C	0.960-0.970
Viscosity	Not available
pH	10.0-11.0
Flash Point (TCC)	32°C (89°F)
Boiling Point	Not available
Freezing Point	≤ -20°C (-4°F)
Foaming Tendency	High
Concentration Monitoring Techniques	Not determined
Water Solubility	Complete
Rinsability	Excellent




INCOMPATIBILITY

Acids, oxidizing agents

WAREHOUSING PRECAUTIONS

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

AVAILABLE SIZES

			
20L/ 5,28Gal.	205L/ 54,16Gal.	1000L/ 264,71Gal.	

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

Wash with plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation or rash occurs, get medical advice/attention. Take off immediately all contaminated clothing and wash it before re-use.

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.

INGESTION

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

HEALTH

2

FLAMMABILITY

3

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 ROC 60VP, 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).



CLIFTON

125 Kingsland Avenue
Clifton, NJ 07014
Tel.: 201-567-3000
Toll free: 1-800-631-1652

MONTREAL

10,900 rue Secant
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

United States
www.penetone.com

Canada
www.westpenetone.com