

### H<sub>2</sub>S SCAVENGERS / DEGASIFICATION



**ROC 40-E2** is the new standard in vessel entry procedures where high standards on environmental toxicity, persistence and degradability exist for chemical application and disposal. **ROC 40-E2** penetrates foulant to mitigate benzene and LEL emissions, H<sub>2</sub>S gas and pyrophoric iron sulfide accumulation while providing vessel entry with reduced decontamination times. **ROC 40-E2** also allows for efficient emulsion separation for prompt fluid recovery in off-shore applications.

### FEATURES AND BENEFITS

- Near-neutral pH
- Non-flammable
- Non-combustible
- Compatible with all metallurgy
- Wastewater friendly
- Effective for many types of vessel cleaning and plant shutdowns
- Versatile application methods
- CEFAS registered, gold standard, no sub-warnings

### DIRECTIONS FOR USE

#### Application/ procedural guidelines

May be used with foaming, steam or high-pressure systems or by direct injection when used as part of a full circulation procedure.

Volume recommendations are dependent on site, degree of hydrogen sulfide, LEL/VOC, and solids contamination. Typically 3-7 L/m<sup>3</sup> per 100 PPM<sub>w</sub> of H<sub>2</sub>S (2-5 gal./100 ft<sup>3</sup> per 100 PPM) is required for fluid treatment. For sour applications, allow product to mix thoroughly with fluid for 30 min to 1 hour prior to measuring contamination levels.

Circulation temperatures of 60°C - 80°C (140°F - 176°F) are recommended.

Retain monitoring is recommended for measuring job completion.

Time to job completion is dependent on job, site and method of application. Consult with your local West Penetone Inc. sales representative for design procedures best suited for your application.

# ROC 40-E2

## ENZYME-BASE CLEANER & DEGASIFICATION AID

### PHYSICAL PROPERTIES

<b>Appearance</b>	Yellow to tan liquid
<b>Odour</b>	Odorless
<b>Specific Gravity @ 20°C</b>	1.090-1.100
<b>Viscosity</b>	Not available
<b>pH</b>	8.9-9.0
<b>Flash Point (TCC )</b>	None
<b>Boiling Point</b>	Approx. 100°C (212°F)
<b>Freezing Point</b>	0°C (32°F)
<b>Foaming Tendency</b>	High
<b>Concentration Monitoring Techniques</b>	Not determined
<b>Water Solubility</b>	Complete
<b>Rinsability</b>	Excellent

### INCOMPATIBILITY

Acids, strong oxidizing materials, amphoteric or light metals

### WAREHOUSING PRECAUTIONS

Keep container closed when not in use  
Keep from freezing

### 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. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash it before re-use.

#### INHALATION

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if symptoms develop or persist.

#### 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.

### HEALTH

1

### FLAMMABILITY

0

### REACTIVITY

0

### LEGEND

0 = MINIMAL RISK  
1 = SLIGHT RISK  
2 = MODERATE RISK  
3 = SERIOUS RISK  
4 = SEVERE RISK

### PERSONAL PROTECTION Security equipment



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**IMPORTANT:** Before using ROC 40-E2, 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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