

### ALKALINE DEGREASERS



**METASOL** is an exceedingly versatile, high-performance alkaline cleaner and degreaser designed to remove a multitude of soils for a variety of applications in the oilfield industry and energy service sector. It effectively cleans large systems such as fin fan cooling systems and heat exchangers to tankers and fleet vehicles in wash-bay cleaning and degreasing applications.

### FEATURES AND BENEFITS

- High foaming
- Phosphate free
- Non-flammable
- Toxicity and corrosion data available
- EcoLogo certified formula available in **BIO EZE 3**
- Industrial strength detergency
- Leaves a “like new” shine on metal surfaces
- Versatile application methods

### DIRECTIONS FOR USE

#### Use procedure

For large systems, apply as part of a HP or HV foaming procedure. Consult with your local West Penetone Inc. sales representative for the procedures best suited for your application.  
For all other applications, use as part of a manual, low-pressure, high-pressure, or foaming application.

#### Concentration in water

HP/HV foaming procedures – 4.75-12.5% v/v (approximately 20:1 to 7:1), according to the amount of soil.  
Manual or low-pressure degreasing applications – 30-35%v/v (approximately 2:1)  
For vehicle washing:  
Foaming applications - 1.5-2% v/v (from 64:1 to 48:1).  
High pressure applications – 0.5-1% v/v (from 192:1 to 96:1).

#### Dwell time / Operation time

Allow to dwell 3 to 5 minutes before final rinsing.

#### Rinsing

High volume, low-pressure or high-pressure hot water depending on use procedures.

# METASOL

## HEAVY-DUTY ALKALINE CLEANER & DEGREASER

### PHYSICAL PROPERTIES

Appearance	Red liquid
Odour	Detergent
Specific Gravity @ 20°C	1.075-1.085
Viscosity	Thin
pH	12.5 - 13.5
Flash Point (TCC)	None
Boiling Point	Approx. 100°C (212°F)
Freezing Point	Approx. -15°C (5°F)
Foaming Tendency	High
Concentration Monitoring Techniques	Not determined
Rinsability	Excellent
Water Solubility	Complete

### INCOMPATIBILITY




Strong acids and oxidizing materials

Avoid contact with aluminum surfaces at concentrations greater than 6:1 or 15% v/v to prevent cosmetic corrosion

### WAREHOUSING PRECAUTIONS

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. Consult physician if irritation develops or persists.

#### SKIN CONTACT

Flush with plenty of water for 15 minutes. Apply skin cream if required. Consult physician if irritation develops or persists.

#### INHALATION

Give fresh air. Consult physician.

#### INGESTION

Do not induce vomiting. Drink plenty of water and consult physician immediately.

### HEALTH

2

### 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 METASOL, always be sure to read and follow precautions and directions for use appearing on the product container label and on the material safety data sheet (m.s.d.s.).



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