

## INFORMATION

# OIL AID-D-11

ORGANIC PHOSPHATE DEFOAMER

### DESCRIPTION

OIL AID-D-11 is a premium quality liquid antifoaming and defoaming agent for a variety of applications, including completion, stimulation, cementing, and production/treating. OIL AID-D-11 is an extremely powerful defoamer, and is compatible with additives used in the industry.

Form	Transparent liquid
Specific Gravity	Approx. 0.977 - 0.980
Flash Point	165 °C, minimum
Solubility	Slightly soluble in water, soluble in hydrocarbons and organic solvents

### APPLICATION

Entrained air in the fluid system can cause several problems ranging from cavitation of fluid pumps to the overflowing of fluid tanks due to the foaming tendencies of many commonly used oilfield chemicals. In addition, depending on the amount of air trapped in the fluid, entrained air can significantly reduce the hydrostatic head of the fluid in the pipe.

OIL AID-D-11 will eliminate entrained air, which causes problems in both mixing and pumping operations.

### RECOMMENDED TREATMENT

Recommendations for a mixing program should be made only after a complete project analysis has been made and a thorough study made of all the factors affecting the cementing operation.

OIL AID-D-11 added in the amount of 0.05 to 0.10% by weight of the water will eliminate air in most systems. The minimum amount required is usually determined by observation and will depend upon the organics which are present.

#### **HANDLING**

Care should be taken in handling around open flames or sparks. Avoid contact with eyes, skin and clothing. In case of contact, immediately flush skin or eyes with plenty of fresh water for at least 15 minutes; for eyes, obtain medical attention.

#### **PACKAGING**

OIL AID-D-11 is normally available in export quality 5 U.S. gal pails or 55 U.S. gal steel drums.

OIL AID-D-11 is a Messina trademark