

### **Description**

KAR-DEFOAM S is silicon based liquid defoamer used to prevent foaming in all types of water-base drilling fluids as well as solids free workover and completion fluids.

### **Typical Properties**

Appearance : White liquid  
pH (neat) : 7 - 7.5  
Specific Gravity : 1.0

### **Features and Benefits**

KAR-DEFOAM S is used as an effective defoamer in all water-base drilling fluids and solids free brine based systems.

KAR-DEFOAM S is effective at low concentrations and easy to mix.

KAR-DEFOAM S also prevents re-foaming.

KAR-DEFOAM S is thermally stable up to temperatures of 204 °C (400 °F).

KAR-DEFOAM S functions well over a wide range of pH. It is effective at high pH.

KAR-DEFOAM S is compatible with all types of drilling, workover and completion fluids.

KAR-DEFOAM S can be used in environmentally sensitive areas.

### **Application**

KAR-DEFOAM S is recommended for use in all water-base drilling fluids and all viscosified brine-base workover and completion fluids to prevent foaming during mixing or circulating operations.

### **Limitations**

KAR-DEFOAM S becomes less effective in drilling fluids with excessive gel strength.

### **Treatment**

The level of treatment is 0.05 to 0.1 liters/bbl (0.3 to 0.6 liters/m<sup>3</sup>). DEFOAM S can be added directly to active system.

### **Packaging**

KAR-DEFOAM S is supplied in 5 gal (19 Kg) HDPE pail.