



PRODUCT BULLETIN

FOB-5

FUEL OIL BIOCIDES

General Description

FOB-5 is an oil soluble preservative used in the control of bacteria that degrade crude and refined oils (diesel, kerosene, gasoline) during transportation and storage. **FOB-5** should be added to the oil as it is being transferred from the transportation container to the storage tank. Addition should be made batch-wise where mixing occurs or continuously to the suction side of the transfer pump. **FOB-5** is also useful for controlling microbiological growth in specific applications including: cooling tower water, industrial and commercial cooling water and process systems, drilling fluids, process injection or produced waters in petroleum secondary recovery processes.

Application for Crude and Refined Oils:

2.4 to 24 fluid ounces (17.8 to 178.6ppm) of **FOB-5** per 1000 gallons of oil based upon the weight of the oil.

Application for Microorganism Control in Cooling Water Systems:

0.8 to 5.9 fluid ounces (5.9 to 35.7ppm) of **FOB-5** per 1000 gallons of water in the system. Initially a slug dose of 2.4 to 14.8 fluid ounces (17.8 to 110.1ppm) should be made and this dose should be repeated until control is evident.

Other Applications:

For specific application rates for wooden cooling towers, drilling fluids, petroleum secondary recovery, or any use not covered by this bulletin, please consult with your technical representative.

Physical Properties

| | |
|----------------------|---------------|
| Color | Dark Amber |
| Density at 25 Deg C | 1.03 g/ml |
| Odor | Sharp Solvent |
| Flash Point | 158° F (Neat) |
| pH (100ppm in water) | 6 - 7 |

Availability

FOB-5 is available in UN approved 1 gallon jugs, 5 gallon pails and 55 gallon drums.

Handling

Observe warning label on product container. Normal precautions for industrial chemicals apply.