

Description

KAR-CIDE is a triazine based biocide used to control bacteria growth in water-base drilling, completion, workover and packer fluids.

Typical Properties

Appearance : Colorless to pale yellow liquid
pH : 10 - 12
Specific Gravity : 1.08 - 1.10

Features and Benefits

KAR-CIDE is compatible with all water-base drilling fluids.

KAR-CIDE is a highly active, broad spectrum biocide.

KAR-CIDE is biodegradable and has low toxicity to marine life.

KAR-CIDE in small concentrations effectively controls aerobic and anaerobic bacteria.

KAR-CIDE is compatible with most oxygen and hydrogen sulfide scavengers.

KAR-CIDE also provides effective control on slime and corrosion caused by microorganisms in drilling, completion, workover and packer fluids.

Application

KAR-CIDE is used to protect bio-polymers (KAR-ZAN D and KAR-ZAN DS) and cellulosic LCM (KAR-SEAL F, KAR-SEAL XF and KAR-SEAL C) against bacterial degradation.

KAR-CIDE is used for the prevention of slime and corrosion caused by sulfate reducing bacteria.

Treatment

Normal initial treatment levels of KAR-CIDE for circulating fluids range from 0.1 to 0.3 % by volume in alkaline pH environment. Higher concentrations are required at neutral pH ranges. Daily maintenance of 10% of initial treatment is recommended for circulating fluids. In packer fluids where no daily treatment is maintained, the initial treatment should have some excess. KAR-CIDE is added directly to the circulating system.

Packaging

KAR-CIDE is supplied in 6.6 gal (25 liters) HDPE pail.