

Mergal K9N (Fuel Biocide)

Description

Mergal K9N is a broad-spectrum microbicide that is effective in oil based and aqueous systems. The product is a broad spectrum wet-state preservative, used to avoid deterioration and degradation of aqueous systems caused by bacteria, fungi and yeast.

Application

Mergal K9N is a microbicide for use in various waterborne end-use products, including oilfield operations, oilfield injection waters, fuel preservation, air washer systems, can warmer systems, industrial process water systems, recirculating water cooling towers, closed loop water systems, and ultra filtration units. This product is suitable for sanitisation of microbial spoiled material.

The product performs best under the following conditions:

- pH between 3-9
- Temperatures up to 60°C
- In the absence of reducing agents

Dosing

Typical dose rates for Mergal K9N:

- To control growth in fuels (i.e as a regular preventative dose: 0.01-0.05% (100-500ppm) or 0.1 to 0.5Ltrs biocide per 1000Ltrs fuel.
- To treat heavily spoilt fuel and kill existing infection: 0.10-0.25% (1000-2500ppm) or 1 to 2.5Ltrs per 1000Ltrs fuel.

It is very important to get thorough mixing and thorough distribution to all areas of the fuel tank. Adding all the biocide in one lot is not recommended as it may result in uneven distribution. A dosing/metering pump is best if the fuel cannot be circulated around the tank.

- **Closed Loop Cooling Systems:** Between 0.5 and 1.5Ltrs per 1000Lts. For heavily contaminated systems, descale and degrease prior to using Mergal K9N
- **Lub Oil:** Between 0.3 and 0.5Ltr per 1000Lts to the Lub Oil, please check with manufacturer regarding dosage rates.

Environmental

Dispose of chemicals in accordance with local environmental legislation.

Handling

Normal precautions should be taken for handling chemicals. Protective clothing, eye protection and gloves should be worn. For further details please refer to the safety data sheet.

Storage

Store in a cool, dry location between 5°C and 25°C. Protect from freezing. Avoid direct sunlight and extreme temperatures. Store the product sealed in the original container to avoid air exposure. Some products may settle during storage or transportation, ensure thorough mixing before use. See safety datasheet for list of incompatible materials and other relevant information.

Properties

Appearance: Colourless to yellow liquid
Density @ 20°C: ~1
pH (concentrated): ~4.5

Shelf Life

Storage: 24 months

Available in the following containers

