



KATHON™



KATHON™ (KAT15201US)

FUEL BIOCIDES – US EPA Registered

Microorganisms, including bacteria, yeast and mold are known as “bugs.” “Bugs” live in virtually all diesel fuel systems. Wherever there is moisture and fuel together, there is a good environment for biological growth. The most common places for contamination include the fuel/water interface near tank bottoms, on storage tank walls, and in tank bottom sediment. Microorganisms live in the water found in all fuel systems and “eat” the fuel as a nutrient source. Sulfur provides some natural protection against bacteria growth. However, with the introduction of ULSD fuels, there is minimal natural protection to prevent biological growth in fuel systems. Left unchecked, “bugs” will corrode fuel systems and create slime & sludge that plug fuel filters and fuel lines. The result is increased maintenance costs and expensive down time.

KATHON™ is a Canadian and U.S. EPA registered, fuel & water soluble, dual phase biocide that effectively kills bacteria, fungi & other microorganisms that grow in diesel fuel, biodiesel blends, gasoline, and heating oil storage tanks. It also helps prevent fuel system contamination from new infections.

KATHON™ can be used in association with ValvTect's Tank Maintenance Program. ValvTect's program provides a proactive way to check your fuel system for bacteria contamination and address excess water & biological contamination before it causes maintenance issues. See your ValvTect™ Representative for more details on this and other ValvTect™ programs.

FEATURES AND BENEFITS

- **Kills bacteria (“bugs”), yeast, mold, and other microorganisms.**
- **Kills bacteria in the fuel and water phase.**
- **Works faster & more effectively (as little as 6 hours).**
- **Prevents bio-contamination of fuel systems.**
- **Prevents bacteria caused filter plugging.**
- **Prevents bacteria caused fuel line plugging.**
- **Prevents and breaks up bacteria caused sludge and slime.**
- **Prevents bacteria caused corrosion.**
- **Prevents equipment down time.**
- **Effective in diesel, biodiesel blends, heating oil & gasoline.**
- **Safe for use in on-road and off-road fuels.**
- **Initial Treat Rate 1:2500, Maintenance treat rate 1:10,000.**



PRODUCT DATA SHEET

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APPLICATIONS

KATHON™ is effective in controlling the growth of bacteria & other microorganisms that breed in all types of diesel fuel, biodiesel blends, gasoline and water which cause formation of slime, sludge and acids. Typical applications include truck fleets, farms, home heat, marine, power generation, railroad and all other on-road or off-road applications.

BLENDING RECOMMENDATIONS

Product should be added to the fuel in bulk storage tanks or directly to the equipment fuel tanks.

Container Size	Initial Treatment (Kill rate)	Maintenance Treatment
1 gallon	1gallon to 2500	1 gallon treats up to 10,000 gallons
3.785 liters	1 liter to 2500 liters	1 liter treats up to 10,000 liters

Initial Treatment: To kill existing microorganisms & for best results, remove water bottoms and sludge from fuel storage tanks. Add the proper amount of KATHON™ directly to the tank that is at least ½ full of fuel. Completely fill tank with fuel. Allow 6 hours or more before using. Check filters frequently for residue & change as necessary.

Maintenance Treatment: Continue to treat subsequent fuel loads with KATHON™ at the maintenance dosage. Continue to check filters and keep fuel free of water. KATHON™ can be used at concentrations between 1:1000 and 1:10,000 (100ppm & 1000ppm).

To prevent microorganism growth, continuously treat all fuel deliveries with Kathon™ at the maintenance treatment dosage & keep fuel systems free of water.

SAFETY PRECAUTIONS

When handling this product, persons should exercise caution and wear protective goggles, gloves and clothing. See cautions indicated in the corresponding Safety Data Sheet before handling and storing this product.

WARRANTY

We guarantee this product to comply with our published specifications. Since the use of this product is beyond our control, we disclaim responsibility for its performance, handling, use, storage, the results obtained, or any injury of any nature resulting there from. Product warrantee and seller's obligations apply only to replacement of product. Seller assumes no liability for any claim or loss of any other kind. In no event shall seller be liable for indirect punitive, special or consequential damages or expenses. Any warrantee claim shall be governed by and construed in accordance with the laws and jurisdiction of the State of Illinois.

TYPICAL SPECIFICATIONS

Color (ASTM D1544)...Colorless to pale yellow clear
Specific Gravity @ 77° F (ASTM D891) 1.044
Density, lbs./gal. (Calculated)8.7
Flash Point °F, Pensky Martens Closed Cup 280.4
Additive Pour Point °C (ASTM D97) <-20
The sulfur content of this fuel additive does not exceed 15 ppm.

PACKAGING

Available in 27.9 gal. (105.6L) and 2/01 gal. (3.785L) containers.