

BUGRID

Code 8275

DIESEL FUEL BIOCIDES

DESCRIPTION

BUGRID is a potent biocide for killing and for preventing regrowth of most types of organisms which grow in fuels. Similarly, BUGRID acts as a fuel tank corrosion inhibitor and fuel lubricant.

The biocide in BUGRID is reputed to be the most effective biocide available. Being totally organic, Bugrid leaves no ash on combustion.

BUGRID is effective against most types of organisms found in fuel; it is particularly effective against *Cladosporium resinae*; as well as against bacteria, yeasts and fungi.

Causes of Fuel Contamination

Water commonly enters fuel storage tanks through faults in plumbing, or condensation.

Bacterial or fungal growth in diesel fuel cannot occur unless water is present. Micro-organisms such as *Cladisporium resinae* propagate in water at the fuel-water interface and use the fuel as a food source.

In severe cases of contamination, high levels of waste products spores and dead cells can form sludge which cause filter blockage and also produce corrosive acidic deposits.

Fuel tank maintenance requires removal of as much water as possible and regular treatment using a biocide such as Bugrid.

Such a maintenance programme will ensure fuel tank corrosion is minimised and will provide savings due to possible downtime of machinery, cost of filter replacement and prevention of damage to engine components.

FOT/RX Biocide at the recommended dosage will effectively kill and allow no growth of the following

Bacteria: *Pseudomonas Aeruginosa*
Escherichia Coli
Aerobacter aerogenes
Salmonella typhii
Staphylococcus aureaus
Proteus vulgaris
Streptococcus faecalis
Desulfovibrio aestaurii

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