

Supplier - TROY
Troyshield B7
Broad Spectrum Bactericide
Bactericides And Fungicides

Typical Properties

Appearance	Colourless to Light Yellow Liquid
Active Ingredient	(Ethylenedioxy)Dimethanol
Specific Gravity@20°C,g/ml	1.2
pH Value	5 - 8
Solubility	Miscible with Water

Product Description

TROYSHIELD B7 is a liquid preservative based on a soluble glycol derivative designed to inhibit the growth of bacteria in metalworking fluids.

TROYSHIELD B7 can be used in emulsion types, semi-synthetic and synthetic metalworking fluids. It shows good stability in a pH-range commonly in use with these liquids.

TROYSHIELD B7 should not be used in products having a pH lower than 5.0. The product does not contribute to corrosion due to its composition.

TROYSHIELD B7 is not a skin-sensitizer (no R 43-labeling) and is heat stable up to a temperature of 60°C.

- Broad spectrum bactericide;
- Headspace protection;
- Free of CIT/MIT;
- Cost effective.

Suggested Application Levels

The common use level of **TROYSHIELD B7** is in a range between 600 and 1200 ppm (0.06 - 0.12 % by weight) in the diluted metalworking fluid which means 1.2 to 2.4% in the MWF-concentrate.

Use level is depending on final formulation and conditions of use of the fluid. In order to evaluate the correct use level, it's important to carry out laboratory tests and/or machinery trials.

Performance	Min. Bioresistant Conc.
Pseudomonas Aeruginosa	0.03
Pseudomonas Aeruginosa	0.03
Enterobacter Aerogenes	0.01
Pseudomonas Aeruginosa	0.03
Candida Albicans	0.05
Saccharomyces Cerevisiae	0.04
Saccharomyces Cerevisiae	0.04
Pseudomonas Aeruginosa	0.03

Print date: 03-04-26

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