

## Product Information for Anti Bacterial Sticky Mat

Acticide<sup>®</sup> DW Solvent for Anti Bacterial Sticky Mat from is a broad-spectrum biocide for the protection of aqueous and solvent based coatings, films and other products from anti-bacteria removal and fungal growth.

### Chemical and Physical Characteristics of Acticide<sup>®</sup> DW

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Composition : 2-n-octyl-4-isothiazolin (OIT)  
 Appearance : Clear, yellow liquid  
 Odour : Mild, Characteristic<sup>3</sup>  
 Density : 0.945 – 0.975 g/cm<sup>3</sup>  
 OIT : 15.0 – 16.8 %  
 Solubility : Insoluble in water. Soluble in most lower alcohols and glycols  
 Stability in Application : Light stable, stable in the pH range 3 to 10 and at up to 100<sup>o</sup> C.

### Biocidal Properties

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The mats proved that once passed by walking or pushing the cart are capable of destroying those types of bacteria, agar and fungi - and list all of them.

MIC(Minimum Inhibitory Concentration) Values for Typical Spoilage Organisms (as ppm active OIT)

Bacteria	MIC	Fugni	MIC	Algae	MIC
Corynebacterium sp.	12.5	Altermaria alternata	1.5	Chlorella pyrenoidosa	5.0
Escherichia coli	62.5	Asperillus niger	0.6	Nostoc sp.	0.5
Klebsiella spec.	125.0			Scenedesmus obliquus	5.0
Proteus sp.	62.5				
Pseudomonas aeruginosa	437.5	Rhodotorula rubra (yeast)	2.5		
Pseudomonas stutzeri	100.0	Saccharomyces cerevisiae (yeast)	1.5		
Shewanella sp.	25.0				
Staphylococcus aureus	31.5				