

PAX**VISHAL ENTERPRISES**

Plot No:1, AP Text Book Colony,

Gun Rock, Karkhana,

~~SECUNDERABAD 500009~~

Product Data Sheet

Paxgard ICP

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Description:

- Cost Effective and Broad Spectrum Biocide.
- Suitable for preservation of a wide variety of aqueous formulations.
- Biodegradable and Eco-Friendly Product

Product Specification:

Composition	Mixture of 5-chloro-2-methyl-isothiazoline-3-one (CIT) and 2-methyl-isothiazoline-3-one (MIT)
Appearance	Clear Liquid
Colour	Colour less to Pale Yellow - (APHA 50 max)
Odour	Mild
PH	3.0 - 5.0
Refractive Index @ 27±2°C	1.342 - 1.352
Specific Gravity @ 27±2°C	1.045 - 1.055
CIT / MIT %	1.5% min
Related Impurities	0.1% Max
Solubility	Fully soluble in water, lower Alcohols and Glycols
Stability in application	Stable in the presence of light, over the pH range 2 - 9 and up to 60°C

Fields of Application:

Application	Recommended Dosage
Paints & Coatings	0.15 - 0.30%
Polymer Dispersion	0.15 - 0.30%
Printing Inks	0.15 - 0.30%
Adhesives & Sealants	0.25 - 0.35%
Colour & Pigments Pastes / Dispersions	0.10 - 0.20%

Microbiological Efficacy:

Bacteria	Moulds
Bacillus subtilis	Aspergillus Niger
Corynebacterium sp.	Fusarium Solani
Escherichia Coli	Geotrichum Candidum
Klebsiella sp.	Penicillium funiculosum
Proteus penneri	Penicillium Mineoluteum
Pseudomonas aeruginosa	Yeast
Pseudomonas Putida	Candida Albicans
Proteus Vulgaris	Saccharomyces cerevisiae
Staphylococcus Aureus	

