Xytu® PV100
CMIT/MIT Preservative

Introduction

PV100 is a new-generation preservative and mold inhibitor based on a synergistic CMIT/MIT blend, with broad-spectrum antimicrobial activity against bacteria, yeasts and molds. It uses a salt stabilizer based on proprietary technology to improve product stability and greatly reduce gel formation or emulsion breaking caused by biocide addition.

Chemical and Physical Properties

Chemical composition	CMIT/MIT
Appearance	Yellow to yellow-green transparent liquid
Active content	Approximately 14%

Stability in use: suitable conditions for use are pH 2.0-9.0. A pH greater than 9 may cause discoloration of the product or reduce mold-inhibiting efficacy. Please refer to compatibility testing before use.

Product Features

- Rapid action and long-lasting protection;
- Synergistic action with excellent preservative and mold-inhibiting performance;
- Good compatibility, including with various waterborne polymer emulsions;
- No added halogens, heavy metals or formaldehyde;
- High product stability;

Applications / Dosage

- Emulsions;
- Adhesives;
- Papermaking;
- Coatings;
- Pigment pastes;
- Recommended dosage for most applications: 0.01-0.1%; applications are not limited to those listed above.

Packaging / Storage

Packaging	25 kg drums and 1250 kg/drum

Storage: store in the original container and avoid extreme temperatures. Shelf life: 12 months (20 °C).