PRODUCT TECHNICAL DATA

Agricultural Bactericide PV116

Product Description

PV116 is a high-efficiency, low-toxicity, non-oxidative bactericidal preservative. Its proprietary formulation technology substantially increases formulation stability. It was developed specifically for fertilizer and pesticide systems and prevents spoilage caused by bacteria, yeasts and fungi.

Chemical and Physical Properties

Item	Specification
Appearance	Colorless to pale blue-green liquid
pH (20°C)	2.0-5.0
Solubility	Readily soluble in water, most low-molecular-weight alcohols and glycols
Application stability	Suitable at pH 2.0-8.5 and temperatures not exceeding 40°C

Product Features

- Fast-acting: 99.9% microbial kill within 24 hours.
- Multiple active ingredients provide synergistic efficacy.
- Applicable over a broad pH range of 2-8.5.
- Effective against most bacteria, molds and yeasts.
- Excellent compatibility and applicability, with more than ten years of successful use.

Method of Use and Dosage

- The product may be added at any stage of production, although early addition is recommended. Ensure that the temperature, pH and redox potential at the point of addition do not affect product stability. First-time users should perform a trial test.
- The dosage of the bactericidal preservative should be adjusted according to environmental and temperature conditions; the dosage should be increased appropriately at higher temperatures.
- The recommended use concentration is 0.1%-0.5%, depending on the product and application conditions.

Packaging and Shelf Life

Packaging: 25 kg/drum or 1000 kg/drum. Shelf life: 12 months. Storage: protect from direct light and store in a cool, ventilated place.