PRODUCT TECHNICAL DATA

Suspending Agent XY-410

Product Overview

XY-410 is a powder suspending agent usable over a broad pH range. It has excellent thixotropy and pseudoplasticity, improving product stability and spreadability. It is particularly suitable for suspending supersaturated water-soluble powders such as water-soluble fertilizers and pesticides.

Product Characteristics

XY-410 is resistant to acid and salt. At rest, it provides high viscosity to the system, producing suspending action and substantial resistance to settling, thereby preventing sedimentation. Under shear stress, viscosity decreases rapidly, facilitating manual and mechanical application and leveling.

Application Scope

- Suspending agent for water-soluble fertilizers.
- Suspending agent for pesticides.
- Suspending agent for other aqueous systems.

Dosage

0.3%-0.8% of the total product weight.

Product Data

Item	Specification
Appearance	Pale milky-white powder
pH (20°C, 1% solution)	8.0-9.5
Particle size, 5 μm	Greater than 95%

Shelf Life

Store dry. Shelf life: 12 months from the date of manufacture. Product that has exceeded its shelf life must be tested and verified before use.

Packaging

12 kg packaging.