



JIANGXI HITO SILICONE MATERIALS CO.,LTD

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TECHNICAL DATA SHEET

P50

Powder adjuvant

DESCRIPTION

P50 is powder silicone which the active content is alkoxy modified solidified polymeric trisiloxane, which has super spreading force. It can decrease the strain of the spray fluid surface much better than groovy assistants. It can make the strain fall to about 21MN/m at the concentration 0.2%, when the OP-10 can only to 30MN/m at the concentration 1%. As a super spreading surfactant, it can reduce contact angle of sprayfluid and leaf area to increase covering surface. What more, it can promote absorbability of pesticide by spiracle. Spray fluid can be easily abosrbed by plant and be scouring-resistant to improve effect. **P50** is a mealy powdery solid, which is convenient to be added to solid pesticides and leaf-surface fertiliers.

Main features:

1. Dry mealy solid
2. Super spreading and wetting
3. Easy to be added to solid pesticide
- 4.Scouring-resistant
- 5.Improve penetrating
- 6.Improve reliability
- 7.Lower spray volume.

TYPICAL PROPERTIES

Appearance	white dry powder
Surface Tension (0.1%)	<21mN/m
Density	1.02g/cm ³
Cloud point	<10

USES AND APPLICATION

P50 Solid pesticides: Reducing surface tension, and promoting effect after being added to WP, GR, WDG, SP, Effervescent agent and so on

Solid leaf-surface fertilizers: Reducing surface tension of spray fluid, saving water and work.

P50 supray adjuvant may be used as a component of 0.5-8% in agrochemical formulations. Users of pesticides should be based on different varieties and formula to adjust the **P50** agricultural usage of silicones in order to achieve the most cost-effective results, prior to the use, compatibility testing and pilot ladder testing should be done.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

After sealing packaging products stored in a cool, dry place , **P50** has a shelf life of 36 months from date of manufacture.

PACKAGING

P50 is available in 200L drum and 1000L IBC or others.

LEGAL DISCLAIMER

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