



JIANGXI HITO SILICONE MATERIALS CO.,LTD

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TECHNICAL DATA SHEET

B-8233

POrganosilicone

Adjuvant

CAS:67674-67-3

DESCRIPTION

B-8233 is a kind of non-ionic trisiloxane surfactant.It increases the deposition of agrichemical sprays and improves the penetration of pesticide actives into plant tissue.In contrast to other surfactants of this class,**B-8233** does not show super spreading,yet, exhibits excellent wetting.However,it does dramatically reduce surface tension of spray solutions to about 22 mN/m.**B-8233** is very suitable for tank-mix sprays.

TYPICAL APPLICATIONS

- Excellent permeability, efficient internal absorption and conductivity
- Enhance the adhesion of liquid medicine,reduce the waste of pesticide solution,improve the utilization rate of pesticides.
- Promote the penetration of systemic medicinal liquid through the pores and improve the resistance to rain erosion
- Reduce the amount of spray, save medicine and water reasonably, save labor and time

TYPICAL PROPERTIES

Appearance	Colourless to light amber liquid
Active content %	>99
Viscosity (25℃) mm ² /s	40-60
Surface Tension(0.1%wt),mN/m	<22
Density (25℃) g/cm ³	1.02--1.03
PH	6--8

Usage

When added to the pesticide formula or tank mix spray,the dilution of the auxiliary is 2000-4000 times.According to different pesticide varieties and formulations, adjust the dosage of silicone additives to achieve the most economical and effective effect. Compatibility test and drug effect step test should be done before use.However, the dilution factor should be doubled when weeding after seedlings, in the young fruit stage of fruit trees, and when used with regulators.

When using silicone additives, it is recommended to reduce the water consumption to 1/2 or 2/3 of the conventional amount, use nozzles with smaller apertures, and speed up the spraying speed appropriately.

STORAGE AND SHELF LIFE

After sealing packaging products stored in a cool, dry place , **B-8233(unbroken package)** has a shelf life of 36 months from date of manufacture. **B-8233** is transported as non-hazardous chemicals.

PACKAGING

B-8233 is available in 200 kg/1000 kg plastic drum.

LEGAL DISCLAIMER

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