



JIANGXI HITO SILICONE MATERIALS CO.,LTD

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TECHNICAL DATA SHEET

B-8240

Organosilicone

Adjuvant

CAS:134180-76-0

DESCRIPTION

B-8240 is a kind of polyether trisiloxane surfactant. In aqueous solutions, it imparts super spreading and dramatically reduces surface tension. Therefore the biological performance of crop protection products can be significantly enhanced by:

- superior wetting of hydrophobic surfaces, in particular leaves and other parts of plants;
- better overall absorption through penetration of pores in the waxy layer of the epidermis, and;
- keep the pores breathable.

TYPICAL APPLICATIONS

- Super spreadability, excellent permeability, efficient internal absorption and conductivity.
- Enhance the adhesion of liquid medicine, improve the resistance to rain erosion and the using rate of pesticide.
- Excellent wetting and spreading, increasing coverage and improving pesticide efficacy.
- 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°C) mm ² /s	30-50
Surface Tension(0.1%wt),mN/m	<22
Density (25°C) g/cm ³	1.02±0.02
Flash Point (°C)	>100

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.

PACKAGING

After sealing packaging products stored in a cool, dry place , **B-8240(unbroken package)** has a shelf life of 36 months from date of manufacture. **B-8240** is transported as non-hazardous chemicals. **B-8240** is available in 200 kg/1000 kg plastic drum.

LEGAL DISCLAIMER

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