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TECHNICAL DATA SHEET

H-P50

Powder adjuvant

CAS:67674-67-3

DESCRIPTION

P50, which shape is solid powder, is a modified silicone surfactant. By reducing the surface tension of the liquid and reducing the contact angle between the liquid surface and the interface, the surface expansion speed of the liquid is promoted and the expansion area of the liquid is expanded. It can accelerate the absorption of pesticide solution by leaf stomata and has super strong adhesion, so the pesticide solution is resistant to rainwater erosion, which can effectively reduce the waste of pesticide solution and environmental pollution.

TYPICAL PROPERTIES

Appearance	Dry white solid powder
Moisture %	<0.5
Surface Tension (0.1%)	<20.5

USES AND APPLICATION

1. Super spreadability, excellent permeability, efficient internal absorption and conductivity, rain erosion resistance.
2. Enhance the adhesion of liquid medicine, improve the utilization rate of pesticides and fertilizer, and reduce the waste of pesticide solution and environmental pollution.
3. Excellent wetting and spreading, increasing coverage and improving pesticide and fertilizer efficacy.
4. Promote the penetration of systemic medicinal liquid through the pores and bring faster results
5. Reduce the amount of spray, save medicine and water reasonably, save labor and time.

APPLICATION

P50 be added evenly to pesticide or fertilizer formulations of solid preparations, such as DP, SG, WG, etc. **P50** spray 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

P50(unbroken package) is,using 25kg paper barrels, stored in a cool, ventilated and dry place, with a shelf life of 3 years, transported as non-hazardous chemicals.

LEGAL DISCLAIMER

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