



JIANGXI HITO SILICONE MATERIALS CO.,LTD

No 6 Tianhong road,Xinghuo

industry zone,Yongxiu,

Jiujiang,Jiangxi province,China

(86)792-3170326(Tel) (86) 792-3170355 (Fax)

TECHNICAL DATA SHEET

H-8228

Organosilicone adjuvant

CAS:67674-67-3

DESCRIPTION

H-8228 Organosilicone adjuvant is a polyether-modified trisiloxane and a "T" structure non-ionic surfactant with very low surface tension and super extensibility. **H-8228** can reduce the surface tension of water by 20.5m N/m at a concentration of 0.1% (wt). After being mixed with a pesticide solution in a certain proportion, it can reduce the contact angle between the spray liquid and the leaf surface, thus increasing the spray coverage. And **H-8228** can make the pesticide absorbed through the leaf stomata, which is very effective in improving the efficacy, reducing the dosage of pesticide, saving costs and reducing the pollution of pesticides to the environment.

TYPICAL PROPERTIES

Appearance	Colourless to light amber liquid
Active content %	>99
Viscosity (25℃) mm ² /s	25-35
Surface Tension (0.1%)	<20.5mN/m
Density (25℃) g/cm ³	1.02±0.02
Cloud point (0.1%) °C	<10

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
- 3.Excellent wetting and spreading, increasing coverage,reduce the waste of pesticide solution and improving pesticide efficacy
- 4.Reduce the amount of spray, save medicine and water reasonably, save labor and time

Usage

H-8228 is an agricultural super spreading agent, which can be added to pesticide formula or tank mix spray.

adding pesticide formula: it is recommended to add in the amount of 0.5-8% of the pesticide technical solution, and it is recommended to adjust the pH value of the pesticide formula to 6-8.

add tank mix spray method of use: usually add 50 grams of H-8228 (1000-4000 times) per 200 kg of spray liquid. In general, the amount added is as follows:

Application	Typical Use Rate
Plant Growth Regulators	0.025-0.05%
Herbicide	0.025-0.15%
Insecticide	0.025-0.1%
Fungicide	0.015-0.05%
Fertilizers and trace elements	0.015-0.1%

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 , B-8288(unbroken package) has a shelf life of 36 months from date of manufacture. B-8288 is transported as non-hazardous chemicals.

PACKAGING

H-8228 is available in 200 kg/1000 kg plastic drum.

LEGAL DISCLAIMER

Hito Silicone Materials believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Hito Silicone Materials, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

 is a registered trademark of Hito Silicone Materials, China.