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TECHNICAL DATA SHEET

H-8077

Organosilicone adjuvant

CAS:27306-78-1

**DESCRIPTION**

H-8077 is one of the earliest commercial agricultural organosilicon adjuvant.it has the ability of superspreadability,so that can reduce the surface tension of the liquid and reduce the contact angle between the liquid surface and the interface, then can expand the expansion area of the liquid and accelerate the absorption of pesticide solution by leaf stomata.H-8077 has the ability of 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	Colorless to light amber liquid
Active content %	>99
Viscosity (25°C),mm <sup>2</sup> /s	10-20
Surface Tension (0.1%)	<21.5
Density(25°C)g/cm <sup>3</sup>	1.0-1.1

**USES AND APPLICATION**

1. Super spreadability
2. Reduce the amount of spray
3. Expand the expansion area of the liquid
4. A kind of non-ionic surfactant
5. Accelerate the absorption of pesticide solution
6. Resist to rainwater erosion
7. Improve the utilization rate of pesticides
8. Reduce environmental pollution

**APPLICATION**

Add tank mix spray and use:

Usually add 50 grams of H-8077 (1000-4000 times) per 200 kg of spray liquid.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.

### **SAFETY**

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

### **STORAGE AND SHELF LIFE**

H-8077(unbroken package) is,using 200kg/1000kg plastic barrels, stored in a cool, ventilated and dry place, with a shelf life of 3 years, transported as non-hazardous chemicals.

### **LEGAL DISCLAIMER**

Hito chemical believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Hito Chemical , 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.



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