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## TECHNICAL DATA SHEET

# H-8380

## Polyether modified silicone

**CAS:67674-67-3**

### **DESCRIPTION:**

**H-8380**,It is a new type of structure of the silicone polymer, which not only has a super penetration and adhesion, but also has a good water-soluble and hydrolytic stability.

### **Performance and use:**

- ◆ Super penetration, adhesion: strong penetration properties, through the stomatal absorption, penetration, resistant to rain erosion; and significantly improve the absorption of insecticidal, sterilization, herbicides, fertilizer products control effect;
- ◆ Formulation flexibility: normal non-ionic characteristics, good solubility, flexible formula for a variety of pesticide formulations

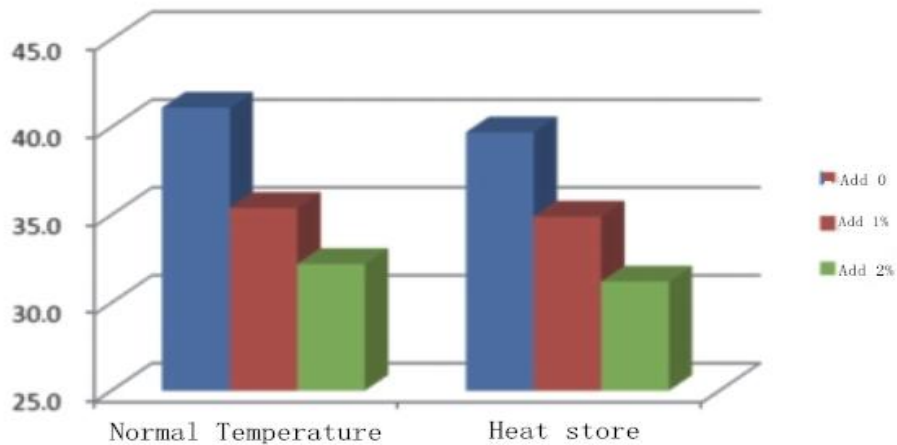
### **TYPICAL PROPERTIES**

Appearance	Colourless to light amber liquid
Active content%	>99
Surface tension (0.1%)	<20.5mN/m
Viscosity (25°C)mm <sup>2</sup> /s	60-90
Density (25°C) g/cm <sup>3</sup>	1.02±0.02

### **APPLICATION**

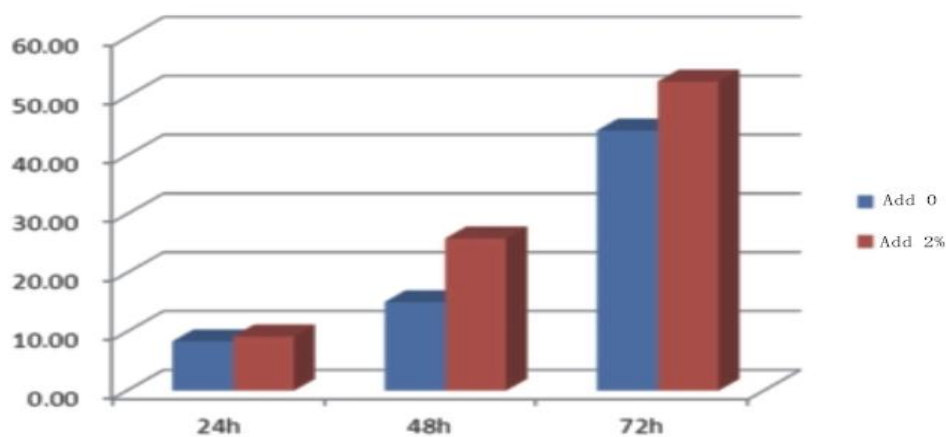
It is suitable of aqueous suspensions (SC),suspension emulsion (SE),microemulsion,and other aqueous synergists.In the preparation of aqueous suspensions (SC) ,It is recommended to add aqueous suspensions (SC) on a pro-rate basis after grinding,and stir slowly.

**1,H-8380** add into 10% fipronil benzamide (SC) , Surface tension diagram like below (Unit: mN/m) (Dilution factor: 1200)



**\* Test results: H-8380 significantly reduces the surface tension, and can stabilize the formulation does not decompose in the formulation.**

2, The test result about corn borer mortality rate after add **H-8380** into 6% fipronil benzamide (SC)



**\* Test results: H-8380 can increase efficacy 20%**

### **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, **H-8380** (Unbroken package) has a shelf life of 3 years from date of manufacture. **H-8380** is transported as non-hazardous chemicals.

### **PACKAGING**

**H-8380** is available in 200 kg/1000 kg plastic drum.

### **LEGAL DISCLAIMER**

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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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