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## TECHNICAL DATA SHEET

# H-8806

## Organosilicone adjuvant

CAS:134180-76-0

### DESCRIPTION

**H-8806** organosilicone adjuvant is a superspreading surfactant based on a trisiloxane alkoxyate. **H-8806** organosilicone adjuvant lowers the surface tension of spray solutions, beyond that which is achievable with conventional adjuvants. Typically, **H-8806** organosilicone adjuvant (@ 0.1 wt %) gives an aqueous surface tension of ~22 mN/m. **H-8806** organosilicone adjuvant helps lower the aqueous surface tension more effectively than conventional organosilicone adjuvants. Because **H-8806** organosilicone adjuvant is a superspreading surfactant, the contact angle of spray solutions on leaf surfaces is reduced, leading to an increase in spray coverage. Additionally, under specific conditions, **H-8806** organosilicone adjuvant promotes rapid uptake of agrochemicals into plants via stomatal infiltration. Spray solutions taken into plants in this way become rainfast, thereby improving application reliability. **H-8806** organosilicone adjuvant is nonionic in nature, making it useful with a broad range of agrochemical formulations.

### Key Features and Benefits

- ◆ Superspreader
- ◆ Helps improve rainfastness
- ◆ Promotes rapid uptake of agrochemicals
- ◆ Promotes spray volume reduction
- ◆ Low pour point for low temperature applications
- ◆ Low foaming
- ◆ Nonionic

### TYPICAL PROPERTIES

Appearance	Colorless to light amber liquid
Active content %	>99
Viscosity(25°C)mm <sup>2</sup> /s	30-40
Surface Tension, mN/m (0.1 wt%)	<21.5
Cloud Point (0.1 wt %), °C	<10
Density (25°C)g/cm <sup>3</sup>	1.02±0.02

## **USES AND APPLICATION**

**H-8806** 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-8806 (1000-4000 times) per 200 kg of spray liquid.

## **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-8806**(unbroken package) has a shelf life of 36 months from date of manufacture.**H-8806** is transported as a non-hazardous chemical.

## **PACKAGING**

**H-8806** is available in 200 kg/1000 kg plastic drum.

## **LEGAL DISCLAIMER**

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