



## Agricultural Silicone Surfactant LA-17

### Description:

Agricultural silicone surfactant LA-17 is a modified polydimethylsiloxane.

### Product description:

Agricultural Silicone Spreading and Penetrating Agent LA-16 is a modified polydimethylsiloxane and is an organic silicone surfactant with super ability of spreading. It makes the water surface tension lower down to the 23.0 mN/m at the concentration of 0.1%(wt.). After the mixture with insecticide solution at the certain proportion, it can lower the contact angle between the spray and foliage, which can enlarge the coverage of the spray. It can make the pesticide absorbed through the stomatal of leaves, which is extremely effective for improving efficacy, reducing amount of pesticide, saving cost, reducing environmental pollution caused by insecticides.

### Key Features and Typical Benefits:

Polyether modified short chain polysiloxane. Compared to trisiloxane surfactant, it has better stability to hydrolysis.

### Typical Technical Properties:

Appearance: Colourless to light amber liquid

Density (25°C, g/cm<sup>3</sup>): 1.01-1.03

Surface Tension (25°C, 0.1%, mN/m): <23.0

Viscosity (25°C, mPa.s): 70-100

### Application:

Used in agrochemical like plant growth regulators, herbicide, insecticide, fungicide, fertilizers and micronutrients.

### Use Method:

Added to the original pesticide, we suggest the amount is 0.5%-8% of the original pesticide. Adjust the PH value of the pesticide prescription to 6-8. The user should adjust the amount of Agricultural Silicone Surfactant according to different kinds of pesticide and prescription to reach the most effective and most economical result.

### Package &Storage:

In 25kg, 50kg, 200kg plastic barrel, or up to clients request.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 24 months from the date of production. It is shipped as non-hazardous substance.

Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.