



## Agricultural Silicone Spreading Agent LA-14

### Description:

Agricultural Silicone Spreading Agent LA-14 is a Polyether modified trisiloxane.  
Equivalents: Silwet ECO; OFX-0309;

### Product Description:

Agricultural Silicone Spreading Agent LA-14 is a non-ionic silicone surfactant with super expansion ability. At 0.1% concentration (wt.), the surface tension of water can be reduced to 22mN/m, which can reduce the contact angle between the spray liquid and the leaf surface, thereby increase the coverage area of the spray; It can promote the absorption of pesticides through the stomata of the leaves, so that the spray can withstand the erosion of rainwater, thereby improving the effectiveness.

### Key Features and Typical Benefits:

Low-foaming non-ionic surfactant, easy to use  
Reduce the amount of spray and increase the spray coverage area  
Promote pesticide absorption, rain wash resistance

### Typical Technical Properties:

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|--|--|
| Appearance: Colourless to light amber liquid | Surface Tension (25°C, 0.1%, mN/m): 21 |
| Viscosity (25°C, mPa.s): 20~40               | Cloud Point(1% wt, °C): <10            |

### Application:

1. As a tank mixing aid: the recommended dosage is 0.01~0.1%, the pH is 6~8, and the effect is best when used within 24 hours.
2. Adding to pesticide preparations: Because silicone surfactant will hydrolyze under acidic and alkaline conditions, the pH can be adjusted to 6.5~7.5 by slow-release agents to achieve the best performance. The recommended dosage is 0.1~5%.

### Package & Storage:

In 20Kg, 200Kg Plastic barrel or 1000kg, 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.