**Wetting Agent**

**WET-618 Modified heptamethyltrisiloxane spray adjuvant**

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| **Description** | WET-618 is a high superspreading surfactant modified by trisiloxane ethoxylate with super low surface tension. It lowers the surface tension of spray solutions, beyond that which is achievable with conventional adjuvants. |
| **Type** | Polyalkyleneoxide modified heptamethyltrisiloxane |
| **Key Features** | * Comparable with Silwet L77
* Nonionic
* Superspreader
* Improves spray coverage
* Promotes spray volume reduction
* Promotes rapid uptake of agrochemicals (rainfastness)
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| **Typical Properties** |

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| Appearance  | Colorless clear liquid  |
| Active content (%) | 100% |
| Density (g/cm3) | 1.01 |
| Viscosity (cp, 25 ℃) | 20-50 |
| Cloud Point (0.1 wt%), (℃) | <10 |
| CAS No.  | 27306-78-1 |
| Surface tension (0.1%, dyn/cm) | <20.5 |

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| **APPLICATION** | * Plant Growth Regulators 0.025% to 0.05%
* Herbicide 0.025% to 0.15%
* Insecticide 0.025% to 0.1%
* Fungicide 0.015% to 0.05%
* Fertilizers and Micronutrients 0.015% to 0.1%

Note: use rates are dependent on crop, agrochemical and spray volume requirements. |
| **Storage and****Handling** | * Available in 25 kg/barrel or 200kg/barrel
* Store products in tightly closed original containers at 5-40℃
* Shelf life: 12 months from delivery date
* According to non-dangerous goods transport
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| **How to use** | **In Agrochemical Formulations*** WET-618 may be used as a component in agrochemical formulations. Although organosilicone surfactants are subject to hydrolysis under acidic or basic conditions, optimum performance is achieved by buffering the formulation to pH 6.5-7.5. Additionally, it is recommended that WET-618 spray adjuvant be used at a concentration of at least 5%, based on the total formulation.

**A Tank Mix Adjuvant*** WET-618 spray adjuvant, when used as a tank-side adjuvant may be used to improve spray coverage, improve uptake or to allow for a reduction in spray volume. WET-618 spray adjuvant is most effective as a tank-side adjuvant when spray mixtures are 1) within a pH range of 5-8, and 2) used within 24 hours of preparation.
* High spray volumes, coupled with high surfactant rates, are not required to achieve sufficient coverage with WET-618 spray adjuvant. In fact, it has the potential to provide adequate coverage in many low volume spray applications at rates between 0.025% and 0.1%.
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