

## Wetting Agent

### WET-608 Modified trisiloxane ethoxylate wetting agent/spray adjuvant

#### DESCRIPTION

WET-608 is a superspreading surfactant/wetting agent based on a trisiloxane ethoxylate. It lowers the surface tension of spray solutions, beyond that which is achievable with conventional adjuvants.

#### TYPE

Modified trisiloxane ethoxylate

#### KEY

- Comparable with Silwet 408
- Nonionic surfactant
- Improves spray coverage
- Promotes spray volume reduction
- Promotes rapid uptake of agrochemicals (rainfastness)
- Superspreader for soluble liquid and emulsifiable concentrate formulations

#### FEATURES

#### TYPICAL

**Appearance** Colorless clear liquid

**Active content (%)** 100%

**Density (g/cm<sup>3</sup>)** 1.02

**Viscosity (cp, 25 °C)** 30-80

#### PROPERTIES

**Cloud Point (0.1 wt%), (°C)** <10

**Pour Point (°C)** -8

**CAS No.** 67674-67-3

**Surface tension (0.1%, dyn/cm)** <21.5

#### 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°C
- Shelf life: 12 months from delivery date
- According to non-dangerous goods transport

## IN AGROCHEMICAL FORMULATIONS

- WET-608 wetting agent/surfactant can be used 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 6.0-8.0. Additionally, it is recommended that WET-608 spray adjuvant be used at a concentration of at least 5%, based on the total formulation.

## A TANK MIX ADJUVANT

### HOW TO USE

- WET-608 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-608 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 WET608 spray adjuvant. In fact, WET608 spray adjuvant 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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