



## Synfactant™ Dry Nonionic Surfactant

### GENERAL INFORMATION

Synfactant is a dry, water soluble nonionic surfactant based on urea-surfactant adduct technology. Synfactant can be used as a substitute for traditional liquid nonionic surfactants when added as a dry mixture to fertilizers and nutrients or directly applied to liquid tank mixes. Synfactant is formulated using a proprietary block co-polymer surfactant that forms an inclusion compound with urea. Synfactant will impart wetting and spreading properties the same as traditional liquid nonionic surfactants at reduced use rates. Synfactant contains an antifoam ingredient and is micronized for faster dissolution in water. There are no volatile organic compounds in Synfactant.

### USE RATES

**For use with dry fertilizers and nutrients:** Blend Synfactant at 0.5% to 2% by weight to achieve desired wetting performance of dry material. The urea content of Synfactant will provide additional nutrient value to crops, turf and horticulture plants.

**For use as a substitute for traditional liquid nonionic surfactant tank mixes:** Always read and follow all label directions, mixing instructions and precautionary statements of the accompanying tank mix partner.

**If accompanying tank mix partner label does not suggest use rates:** Add Synfactant at 12 to 24 dry ounces per 100 gallons of tank mix.

**When replacing traditional liquid nonionic surfactant as a tank mix adjuvant:** 12 dry ounces of Synfactant will replace 16 fluid ounces of the traditional liquid nonionic surfactant.

### TECHNICAL INFORMATION

**Net Weight:** 50 lbs/bag

**Specific Gravity:** Not established

**Flashpoint:** Does not flash

**pH:** 5.0-7.0

**Solubility in Water at 20°C:** Soluble

**Color & Appearance:** Free Flowing White Granule

**Odor:** Mild

**Storage Temperature - Minimum:** 35°F

**Storage Temperature - Maximum:** 120°F

**DOT Information:** Not regulated

**Registered With CDPR:** No

**Registered With WSDA:** No

### PRINCIPAL FUNCTIONING AGENTS

Block polymer of carbonyldiamide  
polyoxylated glycol adduct..94.0%



### PACKAGING

50 pound bag

40 bags per pallet

Item#: SY50



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Important: This information is not a substitute for the label. Always read and follow label instructions.

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