

# **TURF AND ORNAMENTAL APPLICATIONS - HERBICIDES, FUNGICIDES AND INSECTICIDES**

## General Information

### GENERAL INFORMATION

SYLGARD 309 Silicone Surfactant is a nonionic surfactant that has been specifically designed to enhance the efficacy of pesticides. It is particularly effective when used with water-soluble and post-emergent herbicides. Spray solutions formulated with SYLGARD 309 Silicone Surfactant will completely wet virtually any leaf surface. SYLGARD 309 Silicone Surfactant has also been shown to increase the amount and the rate of uptake of water-soluble herbicides. This results in more consistent weed control. Enhanced herbicidal efficacy has been most evident on broadleaf and woody brushweed species. SYLGARD 309 Silicone Surfactant has been shown to be less effective in enhancing performance on perennial grass weed species. SYLGARD 309 Silicone Surfactant has been shown to enhance the performance of cotton and potato defoliants, and to reduce the surface tension and improve wetting of fungicides and insecticides. It has been shown to enhance the uptake of foliar nutrients. SYLGARD 309 Silicone Surfactant has demonstrated good plant safety. However, not all species and various rates have been tested. Caution should be used and only a small area treated and observed before full-scale applications are made.

SYLGARD 309 Silicone Surfactant is exempt from the requirement of a tolerance under 40 CFR 180.1001(c) when used as an inert ingredient in pesticide formulations applied to growing crops or to raw agricultural commodities after harvest.

**DO NOT ADD THIS PRODUCT AT A RATE WHICH EXCEEDS 5% OF THE FINISHED SPRAY VOLUME.**

Maximum VOC inclusive and exclusive of water and exempt compounds: 28 g/l.

Limitations, Restrictions, and Exceptions

## Turf and Ornamental Applications:

Herbicides, Fungicides and Insecticides - Use 1/4 to 1 pint (4 to 16 fl. oz.) of SYLGARD 309 per 100 gallons of spray solution to achieve desired spreading and coverage.

Method

[Spray](#)

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Timings

[N.A.](#)