



WILBUR-ELLIS

IDEAS TO GROW WITH

# SYLGARD® 309 SILICONE SURFACTANT

**Principal Functioning Agents:**

A Mixture of 3-(3-Hydroxypropyl) Heptamethyltrisiloxane, Ethoxylated Acetate/125997-17-3, Polyethylene Glycol Monallyl Acetate/27252875, Polyethylene Glycol Diacetate/27252831.....100%

California Reg. No. 2935-50161

EPA Est. No. 2935-CA-01

## KEEP OUT OF REACH OF CHILDREN WARNING

### PRECAUTIONARY STATEMENTS

**WARNING:** Causes moderate eye irritation and skin irritation. Harmful if swallowed or absorbed through skin. Wear Neoprene or rubber gloves and chemical goggles to reduce splash exposure. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Do not take internally.

**FIRST AID:** If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

### DIRECTIONS FOR USE

**Miticides, Fungicides and Insecticides:** Use 1/4 to 1-1/2 pints (4 to 24 fl. oz.) of SYLGARD 309 per 100 gallons of spray solution. Treat a small area first and observe before full-scale applications. **NOTICE:** Do not apply to tree fruit or other sensitive crops without first consulting your Wilbur-Ellis fieldman or salesperson.

**Plant Growth Regulator:** Use 1.5 to 13.0 fl. oz. of SYLGARD 309 Silicone Surfactant per 100 gallons of spray solution. Rate dependent on dilute or concentrate application. For Use With RETAIN®: Use 6.5 to 13.0 fl. oz. of SYLGARD 309 Silicone Surfactant per 100 gallons of spray solution. Rate based on a maximum of 100 gallons of water per acre.

**Herbicides, Defoliant and Desiccants:** Use 1 to 3 pints (16 to 48 fl. oz.) of SYLGARD 309 per 100 gallons of spray solution. Use the higher rate for maximum rain-fastness.

**Selective Herbicides:** SYLGARD 309 Silicone Surfactant may increase the response of selective herbicides. The user or applicator should evaluate this response prior to widespread usage.

**Nonselective Herbicides:** SYLGARD 309 Silicone Surfactant enhances the efficacy of water-soluble nonselective herbicides on most broadleaf, brushweed species and some annual grasses. Care should be taken to avoid contact of spray solution to crops.

**Foliar Nutrients:** Use 1/8 to 3/4 of a pint (2 to 12 fl. oz.) of SYLGARD 309 per 100 gallons of spray solution. Treat a small area first and observe before full scale applications.

**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.

**For Dew Control** - Use 1 to 2-1/2 pints (16 to 40 fl. oz.) of SYLGARD 309 per 100 gallons of water to control dew formation on turf areas such as golf tees and greens. Repeat application every 7 to 10 days.

**Dry Spots in Tees and Greens** - Use 1 to 2-1/2 pints (16 to 40 fl. oz.) of SYLGARD 309 in 100 gallons of water to reduce hydrophobic soil conditions on golf tees and greens.

**Backpack or hand held sprayers** - Use 1 to 3 teaspoons per gallon of spray solution.

NOT FOR AQUATIC USE

**NET CONTENTS: 1 GALLON**

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Store above -58°F (-50°C) and below 122°F (50°C). If freezing occurs, product performance should not be diminished. Completely thaw and thoroughly mix before using.

**Product Disposal:** Product wastes are toxic. Improper disposal of excess product, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke.

### DIRECTIONS FOR USE continued:

**Mixing:** SYLGARD 309 Silicone Surfactant should be added directly into the spray tank and agitated to ensure proper mixing. Application rates should be consistent with the manufacturer's label. To prevent foaming, the surfactant should be added last. If foaming occurs, a defoaming agent such as Wilbur-Ellis No-Foam or other acceptable defoamer should be used. For optimum performance, spray solutions containing SYLGARD 309 Silicone Surfactant should be used within 72 hours of mixing.

**NOTICE:** Do not apply to tree fruit or other sensitive crops without first consulting your Wilbur-Ellis fieldman or salesperson.

### 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 defoliant, 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.

**WARRANTY STATEMENT:** WILBUR-ELLIS COMPANY warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of WILBUR-ELLIS COMPANY. In no case shall WILBUR-ELLIS COMPANY be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at WILBUR-ELLIS COMPANY'S election, the replacement of this product. WILBUR-ELLIS COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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**IN CASE OF EMERGENCY, CALL CHEMTREC (800) 424-9300**

Manufactured in the U.S.A. for: **WILBUR-ELLIS COMPANY**  
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