



Results. Expect it.

# Tacheon™ Duo

## Spreader and Wetting Agent

### PRINCIPAL FUNCTIONING AGENTS

|  |        |
|--|--------|
| Poloxalene and Polyether modified heptamethyltrisiloxane ..... | 95.89% |
| Constituents Ineffective as Spray Adjuvants .....              | 4.11%  |
| TOTAL.....   | 100%   |

All ingredients are approved for use under 40 CFR 180  
CA Reg. No. 9349-500XX-AA WA Reg. No. 9349-1900X



**Spray  
Modifier  
Adjuvant**



**KEEP OUT OF REACH OF CHILDREN  
WARNING**

L383-01F

SPECIALIZED CHEMISTRY SPECIALIZED CHEMISTRY SPECIALIZED CHEMISTRY SPECIALIZED CHEMISTRY SPECIALIZED CHEMISTRY

# TACHEON™ DUO

## SPREADER AND WETTING AGENT



### KEEP OUT OF REACH OF CHILDREN

# WARNING

**PRECAUTIONARY STATEMENTS:** Causes eye irritation. Harmful if inhaled. If medical advice is needed, have product container or label at hand. Read label before use. Avoid breathing fumes, mists, vapors and sprays. Wash protective equipment and work clothes thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators or other handlers of this product should wear: protective eyewear, long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. Consult the SDS for further information.

#### FIRST AID:

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**If Swallowed:** Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**If On Skin:** Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention.

**If Inhaled:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

**GENERAL INFORMATION:** Tacheon Duo is a nonionic organosilicone wetting agent useful in the application of herbicides, fungicides, insecticides, microbial products, fertilizers and plant growth regulators in horticultural and arable crops.

**Tacheon Duo** lowers the surface tension of spray solutions well below commonly used surfactants.

Lower surface tension will result in more effective wetting and more uniform coverage on foliar surfaces, often times resulting in a reduction in water requirements. **Tacheon Duo** readily disperses in spray solutions and is especially suited to situations where coverage is critical and is particularly useful in low volume spraying and aerial applications where water coverage is a limiting factor.

**DIRECTIONS FOR USE:** The addition of adjuvants to some herbicides, fungicides, insecticides, microbial products, non-OMRI fertilizers and / or plant growth regulators and their tank mixes may cause phytotoxicity to the foliage and / or fruit of desirable crops. Before using **Tacheon Duo**, the applicator or crop advisor must have experience with the pesticide combination, including **Tacheon Duo**, or must have conducted a phytotoxicity test.

#### SHAKE WELL BEFORE USING.

**NOT FOR AQUATIC USE. FOR USE WITH HERBICIDES, FUNGICIDES, INSECTICIDES, MICROBIAL PRODUCTS, FERTILIZERS, AND PLANT GROWTH REGULATORS REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND AND RIGHTS-OF-WAY.**

#### USE RATES:

**Ground:** Use 12 - 64 fluid ounces per 100 gallons of spray solution.

**Aerial Sprays:** Use 32 - 64 fluid ounces per 100 gallons of spray solution.

**General Spreader/Wetter:** Use 6 - 32 fluid ounces per 100 gallons of spray solution.

**Tacheon Duo** will breakdown rapidly when mixed with highly acidic or highly alkaline chemicals and poor wetting and spray coverage may result. Best results

occur when the spray-mixture is between pH 5 and pH 8. Therefore, if the tank-mix is outside this pH range it is important to either spray immediately or adjust the pH within the range (pH 5 - pH 8).

**MIXING:** In the absence of specific mixing instructions found on the pesticide label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or injector, fill with at least 20% of the desired finished carrier volume. While the carrier is adding, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed
2. AMS, dry formulations (WP, DF, WDG, SP), and dry drift retardants
3. Dry soluble and suspension fertilizers / micronutrients
4. Liquid drift retardants and flowable formulations (F & FL)
5. Liquid concentrates, suspension concentrates, microencapsulated and capsule suspension (LC, SC, ME, CS)
6. Emulsifiable concentrates (E, EL or EC)
7. Solutions and soluble liquids (S or SL)
8. Liquid micronutrients and fertilizers
9. Water conditioners and other adjuvants (COC, HSOC, MSO, NIS)
10. Finish filling to desired spray volume level and continue agitation

**ENVIRONMENTAL HAZARDS:** Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

**STORAGE AND DISPOSAL:** Protect product from freezing. If product freezes, warm to room temperature before use. Do not store below -25°C as product will freeze. Store in original container only and do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**CONDITIONS OF SALE:** Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

**NET CONTENTS: 1 U.S. GALLON (3.78 L)**