

TACHEON™ SPREAD

Wetting Agent, Spreader and Penetrant

PRECISION
LABORATORIES

PRINCIPAL FUNCTIONING AGENTS

Polyether modified heptamethyltrisiloxane and alcohol ethoxylate	99.89%
Constituents ineffective as spray adjuvant	0.11%
TOTAL	100.00%

All ingredients are approved for use under 40 CFR 180

CA Reg. No. 9349-50031-AA

WA Reg. No. 9349-19004

KEEP OUT OF REACH OF CHILDREN WARNING



PRECAUTIONARY STATEMENTS

Harmful if inhaled. Causes serious eye irritation. If medical advice is needed, have product container or label at hand. Read label before use. Wash protective equipment and work clothes thoroughly after handling. 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 Spread is a nonionic organosilicone surfactant, spreader, penetrant for use in the application of herbicides, fungicides, insecticides and plant growth regulators.

Tacheon Spread reduces surface tension of spray solutions and results in more effective wetting and more uniform coverage on foliar surfaces. **Tacheon Spread** readily disperses in spray solutions and is especially suited to situations where coverage is critical. **Tacheon Spread** 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 fungicides, insecticides and / or fertilizers and their tank mixes may cause phytotoxicity to the foliage and / or fruit of desirable crops. Before using **Tacheon Spread**, the applicator or crops advisor must have experience with the pesticide combination, including **Tacheon Spread**, or must have conducted a phytotoxicity test.

SHAKE WELL BEFORE USING.

NOT FOR AQUATIC USE. FOR USE WITH FUNGICIDES AND INSECTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND AND RIGHTS-OF-WAY.

USE RATES

- Ground:** Use 3.2 – 13 fluid ounces per 100 gallons of spray solution (0.025% - 0.1% v/v).
- Aerial:** Use 6.4 – 19 fluid ounces per 100 gallons of spray solution (0.05% - 0.15% v/v).

Coverage may be adjusted by either increasing the **Tacheon Spread** rate (see recommended range above), or by modifying the water volume as needed. Alternately this product may be applied on a per acre basis at 1.5 fluid ounces per acre and adjusted to as low as 0.5 fluid ounces per acre to account for changes in spray volume or experience. Rates should never exceed or fall below the % v/v rate range specified for ground or aerial applications above.

In many applications, the water rate may be reduced from the typical "spray to run-off" volume by up to 70%. Therefore, water rates should be adjusted accordingly to avoid excessive run-off. Since all equipment is set up differently, check the coverage on a small area and adjust volume to achieve the best result for your equipment before applying to large areas.

Tacheon Spread will provide optimum spreading and wetting between pH 5 and pH 9. Spray mixtures above and below these figures should be sprayed immediately or adjust the solution to within the correct pH range to avoid the breakdown of the **Tacheon Spread**.

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 inductor, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, 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 4°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.acrecycle.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.

S P E C I M E N L A B E L

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For 24-hour technical assistance when using this product in the USA and Canada, call: 1-800-323-8351
For 24-hour emergency service when using this product in the USA and Canada, call CHEMTREC: 1-800-424-9300
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