



## Nonionic Surfactant

### PRINCIPAL FUNCTIONING AGENTS

Alkyl phenol ethoxylate, 1,2,3-propanetriol, sodium xylene sulfonate.....	92%
Constituents Ineffective as Spray Adjuvant.....	8%
Total.....	100%

Surfactant content is 83%

All ingredients are approved for use under 40 CFR 180  
WA Reg. No. 9349-14002

### KEEP OUT OF REACH OF CHILDREN DANGER / PELIGRO



*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)*

### PRECAUTIONARY STATEMENTS

Harmful if swallowed. Causes serious eye damage. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Read label before use. Wash hands, protective equipment and work clothes thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS. Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)



Applicators or other handlers of this product must wear protective eyewear, chemical resistant gloves, coveralls worn over long-sleeved shirt, long pants, socks and chemical resistant footwear when handling this product. When mixing and loading wear a chemical-resistant apron. Wear air purifying mask with appropriate canister when used in a non-ventilated area. Consult the SDS for further information.

### FIRST AID

**If Swallowed:** Call a POISON CENTER/doctor or Chemtrec if person feels unwell. 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 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 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

**Vertex** is a CPDA certified nonionic surfactant. Its high surfactant load formulation is designed to improve the effectiveness of pesticides requiring the use of a nonionic surfactant. **Vertex** enhances pesticide performance by improving spray solution wetting, coverage and penetration of target leaf surfaces.

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

### DIRECTIONS FOR USE

Always mix and apply this product in accordance with the instructions found on the pesticide label regarding adjuvants. In the absence of specific instructions follow the application and mixing guidelines below.

### USE RATES

Using the guidelines below, use lower rates for enhancing wetting characteristics and coverage of the spray solution. Use the higher rates for enhancing spray solution coverage and penetration of the target leaf surface.

#### Herbicides, Defoliants & Desiccants:

8-64 ounces per 100 gallons unless otherwise stated on the crop protection product label.

#### Insecticides, Fungicides and Acaricides:

2-32 ounces per 100 gallons.

#### Plant Growth Regulators:

16-32 ounces per 100 gallons unless otherwise stated on the crop protection product label.

### 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 and microencapsulated (LC, SC, ME)
6. Emulsifiable concentrates (E, EL or EC)
7. Solutions and soluble liquids (S or SL)
8. Liquid micronutrients and fertilizers
9. Water conditioners (**Vertex**) and other adjuvants (COC, HSOC, MSO, NIS)
10. Finish filling to desired spray volume level and continue agitation

### STORAGE AND DISPOSAL

**Protect product from freezing.** *If product freezes, warm to room temperature before use.* Keep containers sealed when not in use. Store in original container only. 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](http://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.

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