

AdjuTec™ ZEPHYR PRIME

Registered By:
PCT | Sunrise
2025 W. State St.
PO Box 870
Fremont, OH 43420
937.693.8311
pctnutrients.com



Nonionic Surfactant / Deposition Aid / Penetrant

Principal Functioning Agents

Vegetable (seed) oil ethoxylate,
oleic acid, alcohol ethoxylate..... 100%

All ingredients are exempt from tolerance under 40 CFR
180. Patent Pending. **Shake Well Before Using.**

CAUTION
KEEP OUT OF
REACH OF CHILDREN

Refer To Safety Data Sheet SDS For
Important Environmental,
Safety, and Health Information

NET CONTENTS:

265 U.S. Gallons (1,003.13 L)

GENERAL INFORMATION

AdjuTec™ ZEPHYR PRIME is a non-volatile, nonionic surfactant (NIS) and drift control technology (DRT) that is engineered to deliver crop protection products accurately throughout the canopy and to help prevent diffusion away from the intended target.

Superior spreading and wetting characteristics improve the performance of the active ingredient by ensuring uniform surface coverage with reduced bounce and run-off. Increases penetration through waxy, wetting resistant cuticles and enhances permeation of the active ingredient to the mode of action site.

AdjuTec ZEPHYR PRIME is formulated with patent pending surfactant emulsion technology that limits driftable fines by managing droplet size modification without pump shear or solution fatigue.

DIRECTIONS FOR USE NOT FOR AQUATIC USE

Always follow the directions on the most restrictive active ingredient label. Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

Use only if a drift reduction technology (DRT), deposition agent and nonionic surfactant (NIS) are allowed or not excluded on the label.

AdjuTec ZEPHYR PRIME is recommended for use on all agricultural crops and non-crops and is compatible with most pesticides.

AdjuTec ZEPHYR PRIME does NOT contain ammonium sulfate (AMS).

NOTE: When combining new or unfamiliar components in any tank mix, the applicator should conduct phytotoxicity and jar tests to ensure compatibility and avoid damage to non-targeted species.

Order of addition

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wettable Powders (WP) then Flowables (F, DF)
2. Agitate then add anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. **AdjuTec ZEPHYR PRIME** and other adjuvants

Prior to mixing, fill the spray tank with half of the carrier. Start the sprayer and check to make sure that all valves and gauges work and that there is adequate tank agitation.

APPLICATION RATES

		%v/v
Herbicides	1-2 quarts per 100 gal	0.25%-0.5%
Insecticides and fungicides	1-2 pints per 100 gal	0.125%-0.25%
Herbicides – aerial	4-6 oz/A	
Insecticides and fungicides – aerial	2-6 oz/A	

The optimal rate of **AdjuTec ZEPHYR PRIME** may vary with environmental conditions and spray water quality. As field and application conditions change, an experienced operator should adjust the rates as needed.

PRECAUTIONS

Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing vapors or spray. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, and eye protection.

FIRST AID

Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

STORAGE AND DISPOSAL

Storage: Sediment may be observed. Shake well with water and add to tank mix when appropriate. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal product quality, store between 40° and 90° F. Shake well before using.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national, international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.

IMPORTANT WARRANTY DISCLAIMER AND NOTICE

READ CAREFULLY BEFORE PURCHASE OR USE OF THIS PRODUCT

Conditions of Sale and Warranty Limitation: The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of PCT Sunrise or the seller. All such risks shall be assumed by the buyer. PCT Sunrise warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. PCT Sunrise makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall PCT Sunrise or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. PCT Sunrise and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of PCT Sunrise.