



## NONIONIC SPRAY ADJUVANT

### ACTIVE INGREDIENTS\*

Proprietary Blend of Ethoxylated Alkyl Phosphate esters, nonionic surfactants, and C <sub>16</sub> -C <sub>28</sub> alkanolates	98.0%
Ingredients ineffective as spray adjuvant	2.0%
<b>TOTAL</b>	<b>100.0%</b>

(BY WT.)

\*All ingredients are accepted for use under CFR 40, 180.

### KEEP OUT OF REACH OF CHILDREN WARNING

Causes mild skin irritation  
May be harmful if swallowed  
May be harmful in contact with skin  
May be harmful if inhaled  
Causes eye irritation

**See Inside Panel for Additional  
Precautionary Statements**

SN 021015

NET CONTENTS:



Manufactured For  
**HELENA CHEMICAL COMPANY**  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TN 38017 • (901) 761-0050

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

**BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.**

Causes mild skin irritation. May be harmful if swallowed. May be harmful in contact with skin. May be harmful if inhaled. Causes eye irritation. Do not get in eyes. Avoid contact with skin and clothing. Wash exposed areas of skin thoroughly after use. Avoid breathing spray mist. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The degree of spray application drift hazards varies with type of pesticide, application conditions, and vegetation near the spray area. Drift minimization is the responsibility of the applicator. Always consult your local and state agricultural authorities for information regarding avoiding or minimizing spray drift. In addition, follow precautionary statements on accompanying pesticide(s) label(s).

**Personal Protective Equipment (PPE):** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks. Do not smoke, drink, or eat while using this product. Take off any contaminated clothing and wash before reuse.

### FIRST AID

<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move victim to fresh air.</li><li>• Give artificial respiration if needed.</li><li>• See a physician if irritation or other problems persist.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Give a large amount of water to drink, make person vomit and immediately call a physician.</li><li>• Do not induce vomiting or give anything by mouth to an unconscious person.</li></ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Immediately flush eyes with clean water for at least 15 minutes.</li><li>• See a physician if irritation persists.</li></ul>
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"><li>• Remove contaminated clothing and wash skin with soap and water.</li><li>• Call a physician if irritation persists.</li></ul>

If contact is made with a spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide(s) label(s).

### STORAGE AND DISPOSAL

Store in original container only. Keep packages tightly closed and do not allow water to be introduced to container contents. Do not store this product near heat or open flame. Do not store or ship this product with oxidizing agents.

**Container Disposal:** Triple rinse (or equivalent) and add rinsate to spray application equipment. Empty packaging should be offered for recycling or disposal in accordance with International, Federal, State, and Local authorities. If packaging is burned, stay out of smoke.

For help in chemical emergencies involving spill, leak, fire, or exposure call toll free 1-800-424-9300.

### GENERAL INFORMATION

**CIDE WINDER®** is a patent pending nonionic spray adjuvant designed to enhance the application and performance of pesticides, plant growth regulators, and nutritional. The addition of **CIDE WINDER®** to a spray tank improves pesticide application by modifying the wetting, spreading, penetration, and deposition characteristics of the application.

**CIDE WINDER®** is an activator type adjuvant and can positively affect pesticide spray application and pesticide efficacy depending on product use rate. Optimum application and effects, however, can be influenced by the crop, pest, spray equipment, spray volume, pressure, droplet size, spray mixture, and environmental factors. Consequently, it is recommended that careful observations of the spray deposit be made and **CIDE WINDER®** rates be adjusted accordingly.

### DIRECTIONS FOR USE

**FOR USE WITH PRODUCTS APPLIED IN: AGRICULTURAL, AQUATIC, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, RIGHTS-OF-WAY, AND OTHER USES.**

The addition of a spray adjuvant to some pesticides, pesticide combinations, and/or fertilizers may cause phytotoxicity to the foliage and/or fruit of susceptible crops or non-targeted vegetation. Prior to the application of **CIDE WINDER®** to a spray mix, the user or applicator must have experience with the combination or must have conducted a phytotoxicity trial.

#### WHEN USED AS A WETTING, SPREADING, & DEPOSITION AGENT:

**Ground:** Use 2-3 pints per 100 gallons of spray mix or 0.25-0.375% by volume.  
**Air:** Use 1-2 oz. per acre in spray volumes of 1-4 GPA. For spray volumes greater than 5 GPA, use 4 oz./acre.

#### WHEN USED FOR ABSORPTION AND PENETRATION ENHANCEMENT:

**Ground:** Use 4-8 pints per 100 gallons of spray mix or 0.5-1.0% by volume.  
**Air:** Use 4 oz. per acre in spray volumes less than 5 GPA. For spray volumes greater than 5 GPA, use 5 oz./acre.

**CAUTION:** Do not add **CIDE WINDER®** to spray mixes that contain copper fungicides, DSMA, sulfur, or spinosad based insecticides. Do not mix with oxidizing agents unless these materials are in solution.

### MIXING

- (1) Prior to any pesticide application, all spray mixing and application equipment must be clean. Carefully observe all cleaning directions on the pesticide(s) label(s). To prevent or minimize foaming, fill tank to 2/3 to 3/4 full of water and add an anti-foaming agent, such as **FOAMBUSTER™** to the spray tank before other components are added.
- (2) Add pesticides and/or fertilizers as directed by label or in the following sequence:
  - A. Micronutrients and fertilizers
  - B. Dry flowables and dispersible granules
  - C. Wettable powders
  - D. Flowables
  - E. Water soluble pesticides
  - F. Emulsifiable concentrates
- (3) Continue agitation
- (4) Add **CIDE WINDER®** and mix for 1 to 2 minutes with lower than normal agitation to minimize foam generation. Continue filling tank with the remaining amount of required water.

**NOTES: NEVER add CIDE WINDER® directly to undiluted pesticides!** Pesticide and fertilizer products should be mixed in as much water as possible prior to the addition of **CIDE WINDER®**.

**CIDE WINDER®** does not contain organosilicone surfactants.

Terminology on this label is consistent with definitions approved by Subcommittee E-35.22 on Pesticide Formulations and Application Systems under the jurisdiction of ASTM Subcommittee E-35.

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## **CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

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**Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind; express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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