



**A NONIONIC WETTER/SPREADER/PENETRANT ADJUVANT**

<b>ACTIVE INGREDIENTS:</b>	<b>(BY WEIGHT)</b>
*Proprietary blend of polyalkyleneoxide modified polydimethylsiloxane and nonionic surfactants .....	99.00%
Constituents ineffective as spray adjuvant .....	1.00%
<b>TOTAL</b> .....	<b>100.00%</b>

All ingredients are exempt from the requirements of a tolerance as specified in CFR 40, 180.

\*This product contains organosilicone surfactant.

MODIFIED FORMULATION RATIO TO ALLOW USE AT HIGHER SPRAY VOLUMES

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

- May be harmful if swallowed
- May be harmful in contact with skin
- Causes eye irritation
- Causes skin irritation
- May be harmful if inhaled
- May cause an allergic skin reaction



**NET CONTENTS:**

SN 020515/0415

**MANUFACTURED FOR**

**HELENA CHEMICAL COMPANY**  
 225 SCHILLING BOULEVARD, SUITE 200  
 COLLIERVILLE, TENNESSEE 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.**

May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. Causes skin irritation. May be harmful if inhaled. May cause an allergic skin reaction. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Not for human or animal consumption.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or Viton
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**FIRST AID**

**IF INHALED:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

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

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate. Keep locked up and out of the reach of children.

**CONTAINER DISPOSAL:** Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading and add rinse water to spray tank. 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 may also be disposed of in a sanitary landfill.

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

**GENERAL INFORMATION**

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

KINETIC® HV is a unique and superior nonionic wetting agent especially effective in postemergent, non-selective pesticide sprays. KINETIC® HV allows for the rapid spreading and absorption of pesticide sprays into the plant leaves and stems and is especially effective with water based herbicide formulations. Subject to the cautionary use statements set forth in the Directions for Use, KINETIC® HV may be used with other pesticide and/or fertilizer products. Optimum application and consequent effects can be influenced by many factors. Consequently, it is recommended that careful observation of the spray deposit be made and adjuvant rates be adjusted accordingly. Applications should be made to insure thorough coverage without excessive runoff of the application spray. In general, use the lowest rate of surfactant and the lowest volume of spray water recommended on the pesticide label. KINETIC® HV can positively affect pesticide spray application and pesticide efficacy. KINETIC® HV is recommended for use with those pesticides whose label recommends a nonionic wetter/spreader type adjuvant.

**DIRECTIONS FOR USE**

**Ground, CDA:** Always use the rate recommended by the pesticide or nutrient label. This is generally within a .125%-.50% v/v concentration rate range, or 16 to 64 ounces/100 gallons of spray.

**Aerial:** Always use the rate recommended by the pesticide or nutrient label. This is generally within a .125%-.50% v/v concentration rate range, or 16 to 64 ounces/100 gallons of spray.

**Aquatic:** KINETIC® HV is cleared for use in an aquatic environment. Always use the rate recommended by the pesticide or nutrient label.

KINETIC® HV is also recommended for use with non-selective herbicides and other pesticides including those used to desiccate or defoliate. Note: Do not use KINETIC® HV in spray tank mixes with Gibberellin or Gibberellic acid products to be used on any citrus crop (citrus spp., fortunella spp.) grown for fresh market.

The crop and rate guidelines are for use with pesticides whose labels recommend the use of a nonionic surfactant. Some pesticides, however, may require higher or lower surfactant rates for optimum effect. Follow the pesticide label directions when this occurs. Prior to the addition of KINETIC® HV to spray tank mixes or use with a pesticide or fertilizer where a nonionic adjuvant is not specifically recommended but not prohibited by the manufacturer, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial. For improved water penetration of hard to wet soils and the uniform distribution of applied moisture:

**Lawns and Turf:** Use KINETIC® HV at .10%-.25% v/v concentration.

**Greens and Tees:** Use KINETIC® HV at .10%-.25% v/v concentration.

**Deep Feeding Trees:** Use KINETIC® HV at .20%-.40% v/v concentration.

Applications of KINETIC® HV through irrigation injection systems are possible provided that recommended use rates and dilutions are maintained and local, state, and federal guidelines are followed.

**Disclaimer:** Always refer to the label on the product before using Helena or any other product.

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**MIXING**

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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. If foaming is anticipated the addition of an antifoaming agent, such as **FOAMBUSTER™**, should be added before pesticides, nutrients, or **KINETIC® HV** is 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. Flowables
  - D. Water-soluble pesticides
  - E. Emulsifiable concentrates
3. Continue agitation.
4. Add **KINETIC® HV** and mix for 1 to 2 minutes with lower-than-normal agitation.
5. Continue filling tank maintaining minimal agitation.
6. For optimum results, spray mixes containing **KINETIC® HV** should be applied within 36 hours after mixing.

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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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**FOAMBUSTER™** is a trademark of Helena Holding Company.