

Helena

**Hyper-Active®****ADJUVANT FOR INSECTICIDE, MITICIDE, AND FUNGICIDE SPRAYS****\*ACTIVE INGREDIENTS:**

Dialkyl dimethyl ammonium polynaphthyl amine .....	24.0%
Polyethoxylated alkyl (C <sub>6</sub> -C <sub>22</sub> ) aryl ethers .....	56.0%
Components ineffective as spray adjuvant .....	20.0%

TOTAL ..... 100.0%

Protected by U.S. Patent 5,164,179

**KEEP OUT OF REACH OF CHILDREN****DANGER****Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. See Inside Panel for Additional Precautionary Statements**

SN 0504/0106

FLAMMABLE LIQUIDS, N.O.S., UN1993

(CONTAINS ISOPROPANOL)

NET CONTENTS:  1 Gallon (3.785 Liters) 2.5 Gallons (9.46 Liters)

MANUFACTURED FOR  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOUELVARD, SUITE 300  
COLLIERVILLE, TN 38017

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

Corrosive. Causes irreversible eye damage. May be harmful if inhaled. Do not get in eyes, on skin or on clothing. Wear mask or pesticide respirator and rubber gloves when spraying and handling, mixing or loading during application. Thoroughly wash exposed areas of skin after use. Remove contaminated clothing and wash clothing before reuse.

**WHAT TO DO IN CASE OF CONTACT:**

**If in Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

**If Inhaled:** Move victim to fresh air. Give artificial respiration if needed. See a physician.

**If on Skin:** Immediately flush skin with plenty of water. Get medical attention if irritation persists.

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. In addition, follow the precautionary statements on the accompanying pesticide(s) label.

**STORAGE AND DISPOSAL**

Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not contaminate water sources by run off from cleaning of equipment, disposal of equipment washwater or spray waste. Do not store near heat or open flame. Do not store with oxidizing agents.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling or reconditioning, or puncture and dispose of according to state and local authorities. If 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**

**HYPER-ACTIVE®** is a spray adjuvant designed to specifically enhance the activity of insecticides, fungicides, and miticides by improving the deposition, retention, and wetting of spray application mixtures that contain them. These spray coverage and deposition improvements are applicable to both plant and pest surfaces. When used at recommended rates, **HYPER-ACTIVE®** can positively affect pesticide spray application and pesticide efficacy. Optimum application 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 adjuvant concentration adjusted accordingly.

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**DIRECTIONS FOR USE**

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

In all applications of **HYPER-ACTIVE®**, read and follow directions on the pesticide(s) label as to procedures, dosage rates, timing of applications, and restrictions for the crop on which the pesticide is to be applied. **HYPER-ACTIVE®** can increase the activity of some pesticides.

The addition of an adjuvant to some pesticides or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops. Prior to the addition of **HYPER-ACTIVE®** to spray mixes, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial or must take the recommendations from the labels of products to be tank mixed. The use of test areas is recommended when applying during periods of high humidity or high temperature or to other situations where field experience is limited.

**HYPER-ACTIVE®** may be applied by ground, Controlled Droplet Applicators (CDA), or aerial spray equipment. For most applications, use enough **HYPER-ACTIVE®** to allow for uniform wetting and deposition of the spray onto leaf surfaces without undue runoff. **GROUND** (Dilute & Concentrate), **AERIAL, CDA:** Use 1 to 2 pints per 100 gallons of spray (0.125-0.25% v/v).

**NOTE:** The above use recommendations are considered to be adequate for most uses. Some fungicides, insecticides, and miticides, however, may recommend or require higher or lower rates for optimum effect. Follow the pesticide label directions when this occurs.

**MIXING**

Prior to any pesticide application, all spray mixing and application equipment must be thoroughly cleaned. Carefully observe all cleaning directions on the pesticide label.

1. Fill spray tank one-half full with water and begin agitation.
2. Add pesticides and/or fertilizers as directed by manufacturer's label or in the following sequence:
  - A. Micronutrients and fertilizers
  - B. Dry flowables or water dispersible granules
  - C. Flowable
  - D. Water soluble pesticides
  - E. Emulsifiable concentrates
3. Continue agitation and complete filling of the spray tank.
4. Add **HYPER-ACTIVE®** last and continue agitation.

Do not mix **HYPER-ACTIVE®** with undiluted pesticides.

**CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

**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 price will be refunded.**

The directions on this label are believed to be reliable and should 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 the 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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**Disclaimer:** Always refer to the label **on the product** before using Helena or any other product.

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