

## SPECIMEN LABEL

# LASTICK®

### NONIONIC SPRAY ADJUVANT FOR PESTICIDE SPRAYS

#### \*ACTIVE INGREDIENTS:

Proprietary blend of di-1-Menthene.....96.00%

INERT INGREDIENTS.....4.00%

**TOTAL**.....100.00%

\*All ingredients are accepted for use under CFR40, 180.1001(c).

#### KEEP OUT OF REACH OF CHILDREN

### CAUTION

See Inside Panel for Additional Precautionary Statements.

SN 0298/0903

NET CONTENTS:

#### MANUFACTURED FOR:

HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TN 38017

#### PRECAUTIONARY STATEMENTS

### CAUTION

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

Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. Follow all precautionary statements on the accompanying pesticide(s) label(s).

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

**IF ON SKIN:** Remove contaminated clothing and wash skin with soap and water. Call a physician if irritation persists.

**IF SWALLOWED:** Do not induce vomiting. Immediately call a physician.

**IF IN EYES:** Flush eyes with clean water for 15 minutes. Immediately call a physician.

**IF INHALED:** Move to fresh air and call a physician if irritation develops or persists.

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

**LASTICK®** is a superior nonionic spray adjuvant designed to form a sticky, elastic film which encapsulates and tenaciously sticks pesticides and nutrients to crop foliage. This elastic, sticky protective film reduces the effects of many environmental factors which contribute to pesticide and nutrient degradation. **LASTICK®** improves the initial spray deposit and allows redistribution of those deposits to give more complete coverage.

To realize the maximum benefit, sprays containing **LASTICK®** should be applied at least one hour before moisture, in the form of rain, irrigation or dew is expected. This one hour time period is needed for the protective elastic film to set.

After the film has set, **LASTICK®** helps prevent moisture and wind erosion of pesticides and nutrients from plant surfaces. **LASTICK®** helps shield the spray deposits or residues from U-V (ultra-violet) radiation and from high temperatures, two factors associated with active ingredient degradation. The protective elastic film also reduces volatilization of spray deposits and residues. In addition, the loss of spray deposits and residues caused by the abrasive activity of foliage rubbing together is reduced.

**LASTICK®** is compatible in spray tanks with most commonly used commercial pesticides and soluble nutrients when used and stored according to directions on the label. The product does not foam, freeze or clog nozzles. It is approved for use in all types of ground and air spraying systems.

#### DIRECTIONS

##### FOR SPRAY DEPOSIT EXTENSION

To extend the activity and increase the efficiency of pesticide and nutrient sprays, use in the following manner:

##### Insecticide and Fungicide and Nutrient Sprays

Ground application equipment 16 oz./acre

Aircraft application equipment 2 - 6 oz./acre in 1 - 10 gallons of total spray

##### **Fruit Trees, Nut Trees, Shade Trees**

Hydraulic gun or air blast sprayers 6 - 8 oz./100 gallons applied dilute.

##### **Citrus Sprays**

In dilute sprays of 1000 to 1500 gallons of spray per acre, use 32 oz. per 500 gallons of spray or 6.4 oz. per 100 gallons of water.

In concentrate sprays of 100 gallons or less per acre, use 16 oz. per acre.

##### **Turf**

Use at rate of 8 - 16 oz./acre.

**Note:** **LASTICK®** will provide extension of spray deposits and residues only at the 16 oz./acre rate. At lower rates, it will not act as an extender. However, 4 oz. per acre will provide excellent sticking properties, and at an 8 oz. rate per acre it will give limited extension to many insecticides, fungicides and nutrient sprays as well as providing excellent sticking properties. The use of **LASTICK®** at any rate close to harvest may result in visible residues on crops which may render them unsaleable. If this is a potential problem, delete the **LASTICK®** or switch to **SURFIX®**.

##### **Food Crops**

When used as a tank mix with pesticides, DO NOT apply **LASTICK®** to the foliage of food crops within 30 days of harvest except as follows:

**LASTICK®** can be used with all *Bacillus thuringiensis* (B.t.'s) products, copper fungicides and other E.P.A. tolerance exempt pesticides on food crops up to harvest.

##### **Tomatoes:**

- use with **carbaryl** insecticide up to harvest
- use with **Dyrene®** fungicide up to harvest
- use with **Maneb** fungicide up to 8 days of harvest

##### **Apples:**

- use with azinphos-methyl up to 15 days of harvest
- use with **Captan** up to harvest

When B.t. products are combined with other E.P.A. registered insecticides and fungicides, do not apply to food crops within 30 days of harvest. There are no restrictions on non-food crops.

\* **Dyrene** is a registered trademark of Miles.

When sprays or mixtures of sprays of insecticides and fungicides are to be made within 30 days of harvest switch to **SURFIX®** or other similar spreading-sticking agents that do not give extension properties to spray deposits.

#### MIXING

To insure good emulsification, pre-mix **LASTICK®** with water before adding to the spray tank. Add this mixture, or **LASTICK®** alone, as the last ingredient to the tank but while the spray tank is filling and with the agitator operating.

##### **Cleaning Instructions**

After use, rinse tanks, lines and nozzles with water. After rinsing with water alone, a slightly sticky tacky residue may remain in the tank. If it is not removed, it will not clog nozzles when sprayer is next used, and it will help prevent rusting and corrosion.

To clean sprays containing **LASTICK®** from undesired surfaces such as application equipment, tractors, vehicles, windows, etc. use one of these methods: 1) Use soap and water if the spray deposit is wet or moist or 2) use premium grade or white kerosene if the spray deposit has dried and formed a film or 3) use standard tar remover products designed for use on painted car finishes to remove dried deposits from painted vehicle surfaces.

#### 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.

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

## SPECIMEN LABEL

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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Lastick® and SURFIX® are registered trademarks of Helena Chemical Company.

\* **Dyrene** is a registered trademark of Miles.