

LASTICK^{ES}

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 CFR 40, 180.1001(c).

KEEP OUT OF REACH OF CHILDREN

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200 the product does not require a hazard warning label in accordance with GHS criteria.

See Below for Additional Precautionary Statements

NET CONTENTS: 1 U.S. Gallon (3.79 L)

SN 060815

MANUFACTURED FOR

HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TN 38017

901-761-0050

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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).

FIRST AID

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 or convulsing 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 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

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.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be dispersed on site or at an approved waste disposal facility. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwaters, or spray waste.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading and add rinsate 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. 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

LASTICK^{ES} 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^{ES} improves the initial spray deposit and allows redistribution of those deposits to give more complete coverage. To

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

realize the maximum benefit, sprays containing LASTICK^{ES} 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^{ES} helps prevent moisture and wind erosion of pesticides and nutrients from plant surfaces. LASTICK^{ES} helps shield the spray deposits or residues from UV (ultraviolet) 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^{ES} 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^{ES} 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^{ES} 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^{ES} or switch to SURFIX^{ES}.

Potential PCO applications for LASTICK^{ES} would include spray mixes with EPA registered pesticides that are applied to:

1. Lawns, ornamental shrubs, & trees
2. Residential and commercial structures (with termiticides)
3. Vegetation Management – roads, ditches, parking lots.
4. PCO applications made to residential and commercial structures for the purposes of insect control.

Use at rate of 2-6 oz. of LASTICK^{ES} per 10 gallons of spray.

Food Crops – When used as a tank mix with pesticides, DO NOT apply LASTICK^{ES} to the foliage of food crops within 30 days of harvest except as follows:

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

MIXING

To insure good emulsification, pre-mix LASTICK^{ES} with water before adding to the spray tank. Add this mixture, or LASTICK^{ES} 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^{ES} 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 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 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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