

PENETRATOR®

NONIONIC SPRAY ADJUVANT

*PRINCIPAL FUNCTIONING AGENTS:

Paraffin Base Petroleum Oil, Polyol fatty acid esters,	
Polyethoxylated derivatives thereof	99.00%
Constituents ineffective as spray adjuvant	1.00%
TOTAL	100.00%

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

KEEP OUT OF REACH OF CHILDREN

WARNING

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

CAL Reg. No. 5905-50092-AA SN 033115
 NET CONTENTS: 2.5 Gallons (9.46 Liters)

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.

May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. Causes mild skin irritation. May be harmful if inhaled. 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): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have a 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 further 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 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 and disposal.

Pesticide 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 disposed of on site or at an approved waste disposal facility. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwater or spray waste.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, **STAY OUT OF SMOKE.**

GENERAL INFORMATION

PENETRATOR® is a non-ionic blend of special surfactant spray oil that is designed for use with a broad range of pesticides where an oil concentrate adjuvant is recommended. Subject to the cautionary statements set forth in the Directions for Use, PENETRATOR® may be used with other pesticides and/or fertilizer products. The addition of PENETRATOR® to a spray tank improves pesticide application by modifying the wetting and deposition characteristics of the spray solution resulting in a more even and uniform spray deposit. 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 adjuvant concentrations be adjusted accordingly.

DIRECTIONS FOR USE

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 application of PENETRATOR® in spray tank mixes and/or prior to the application of PENETRATOR® with a pesticide and/or fertilizer where an oil or oil concentrate adjuvant is not specifically recommended but not prohibited by the product's label, the user or application advisor must have experience with the combination under similar environmental and crop cultural conditions and/or have conducted a phytotoxicity trial under similar environmental and crop cultural conditions.

PENETRATOR® may be applied by Ground, CDA, Aerial or Aquatic spray equipment. In most cases, use enough PENETRATOR® to allow for uniform wetting and deposition of the spray onto leaf surfaces without undue runoff.

GROUND: Use 1-4 pints in 20-100 gallons of spray solution per acre. Do not exceed 2.5% v/v concentration.

AERIAL (Dormant Application Only): Use 4 pints in a minimum of 20 gallons spray solution per acre.

AERIAL, LOW VOLUME, CDA: Use 2-8 fl. oz. per acre or follow rate recommendations on the pesticide(s) label(s) if higher rates are required.

AQUATIC: Use 1-4 pints per acre. Do not exceed 2.5% v/v concentration.

NOTE: The above use recommendations are considered to be adequate for most uses. Some pesticides, however, may require higher rates for optimum effect. Follow the pesticide(s) label(s) directions when this occurs.

CAUTION: Do not mix with oxidizing agents unless oxidizing agents are in solution.

MIXING

Fill spray tank one-half full with water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence.

1. Dry flowables or water dispersible granules
 2. Wettable powders
 3. Flowables
 4. Solutions
 5. Emulsifiable concentrates
- and continue filling. Add PENETRATOR® last and continue agitation.

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 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

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

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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SPECIMEN LABEL