



PENETRANT

SURFACTANT · PENETRANT · ACIDIFIER

PRINCIPAL FUNCTIONING AGENTS:

Propionic acid, alcohol ethoxylate and lecithin	80%
Constituents ineffective as spray adjuvants	20%
TOTAL	100%

All ingredients are exempt from tolerance under 40 CFR 180.

WA Reg. 99777-15003

DANGER KEEP OUT OF REACH OF CHILDREN



Combustible liquid. May be harmful if swallowed. May be harmful in contact with skin. Slippery hazard when wet. Keep out of reach of children. Read label before use. Keep away from heat/ sparks/ open flames/ hot surfaces – No smoking. Keep container tightly closed. Keep only in original container. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. In case of fire: Use foam, Dry Chemical, CO₂, Water Spray to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents in container to an approved waste disposal facility in accordance with all local/ regional/ national/ international regulations.

Personal Protective Equipment: Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

NET CONTENTS: 2 X 2.5 U.S. Gallons (2 X 9.46 L)

Oregon Vineyard Supply

2700 NE St Joseph Rd.
McMinnville, OR 97128
800.653.2216



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030415

GENERAL INFORMATION

PENETRANT is a low foaming, multi-functional adjuvant system engineered to enhance the performance of the active ingredient by improving coverage and penetration through waxy or weather hardened cuticles on the target surface. **PENETRANT** reduces spray droplet fines to help control deposition of the active ingredient and reduce spray drift away from the intended target.

PENETRANT is a multi-functional adjuvant designed to lower the pH of spray solutions, thus preventing alkaline hydrolysis of pesticides sensitive to high pH. It provides more uniform coverage by improving distribution, penetration and uptake of active ingredients.

- Lowers surface tension of tank mix, allowing spray droplets to spread upon contact
- Increased contact area drives pesticide actives into the plant faster
- Allows water to penetrate hydrophobic surfaces ensuring delivery of actives
- Ensures consistent spray droplet size
- Uniform deposition of spray droplets on plant surfaces

DIRECTIONS FOR USE NOT FOR AQUATIC USE.

Follow the directions on all pesticide labels.

PENETRANT improves the performance of pesticides in agricultural, industrial, rights-of-ways, turf and ornamental, forestry and commercial applications.

Use only if a surfactant, penetrant, acidifier, and drift control agent is allowed or not excluded on the label.

If the user does not have experience with the mixture being applied, perform a jar test using the order and amounts in the mixture and perform a phytotoxicity test to ensure crop safety.

The user must have experience with this product or have tested this product in the application and on all plants before use. To test the product, make the exact mixture desired and spray a small test area. Then wait at least 48 hours to see if damage occurs.

SHAKE WELL BEFORE USING

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 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 Oregon Vineyard Supply, (OVS) (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 Oregon Vineyard Supply'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.

USE RATES

<u>Application</u>	<u>per 100 Gallons of spray solution</u>	<u>per 5 gallons of spray solution</u>
Non-crop	1 to 8 pints	1 to 6 fl. oz.
*Turf, Ornamental, and Industrial Herbicides and Defoliants	1 to 4 pints 1 to 4 pints	1 to 3 oz. 1 to 3 oz.
Insecticides, Fungicides, and Fertilizers	1/2 to 2 pints	½ to 1½ oz.
Deposition Aid For pH adjustment	1 to 2 quarts	1 to 3 oz.
(pH 8 or higher)	8 to 16 oz.	1 to 2 tablespoons
(pH 6.5 to 8)	4 to 8 oz.	½ to 1 tablespoon

*NOTE: Before treating a large area, test a small area and observe prior to full-scale application.

CLEAN UP: Rinse spray tank after each use and flush thoroughly.

STORAGE AND DISPOSAL

Storage: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.