



FreshVue™ Pods

A postharvest ethylene management tool to extend shelf life of fruits.

Active Ingredient:
1-Methylcyclopropene.....3.3%
Other Ingredients.....96.7%
Total.....100.0%

EPA Reg. No. 64864-78

EPA Est. No. 93837-POL-1

Keep Out of Reach of Children

CAUTION

FIRST AID

If inhaled	<ul style="list-style-type: none">• Move the 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.
If on skin or clothing	<ul style="list-style-type: none">• 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 in eyes	<ul style="list-style-type: none">• 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 swallowed	<ul style="list-style-type: none">• Call 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.

HOTLINE 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 1-888-271-4649 (24 hours) for emergency medical treatment and 1-800-424-9300 (24 hours) for transport emergency information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled, swallowed, or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material.

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area the agency responsible for pesticide regulation. All applicable directions, restrictions,

during application. For any requirements specific to your state or tribe, consult precautions and conditions of sale and warranty are to be followed. This labeling must be in the user's possession during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements in this labeling about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas until the treated area has been vented for 30 minutes using fans or other mechanical ventilating systems. The restricted entry interval (REI) is 30 minutes.

PPE required for early entry to treated areas prior to venting is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- A NIOSH approved respirator with an organic vapor cartridge with a combination N, R or P filter NIOSH approval prefix TC-84A; or a NIOSH approved gas mask with organic vapor canister NIOSH approval prefix TC-14G.

GENERAL INFORMATION

FreshVue Pods is a powder that, when mixed with water in a proprietary delivery device provided by Pace International, LLC, releases the volatile active ingredient 1-Methylcyclopropene (1-MCP).

FreshVue Pods is a postharvest tool for counteracting undesirable effects of both internal (produced within the fruit) and external sources of ethylene on harvested fruit. By counteracting ethylene, FreshVue Pods provides many benefits to the treated fruit during storage and transport:

- Maintaining firmness
- Preventing superficial scald and soft scald on pome fruit
- Reducing internal ethylene production
- Protection from external sources of ethylene
- Reducing fruit respiration
- Delaying ripening and senescence
- Reducing incidence of peel greasiness in apples.

FreshVue Pods can be used immediately after harvest, prior to storage, prior to shipment and/or just prior to sale. FreshVue Pods are effective under both cool (below 55°F, 13°C) and warm (above 55°F, 13°C) temperature conditions. To realize maximum benefit in controlling senescence, products must be treated as soon as possible and/or within 2 weeks after harvest.

Harvested fruits must be exposed to the volatile active ingredient of FreshVue Pods in enclosed storage rooms, greenhouses, coolers, shipping containers, enclosed truck trailers, or ambient temperature, refrigerated, or controlled atmosphere food storage facilities. **Do not use this product outdoors or in other non-enclosed areas.** Enclosed treatment areas should be gas tight as leakage will reduce FreshVue Pods effectiveness.

Fruit Storage Conditions

FreshVue Pods is compatible with and complementary to fruit stored under both controlled atmosphere and regular air fruit storage conditions. FreshVue Pods must be used in air-tight treatment areas.

Timing of Harvest and Application

Add FreshVue Pods to the treatment area containing fruit immediately after harvest, upon entering storage or in transit. Do not use with fruit previously treated with Ethephon. To realize maximum benefit for optimum quality, fruit need to be pre-cooled promptly and treated with FreshVue Pods as soon after harvest as possible and before the climacteric peak of respiration has occurred. Best results from FreshVue Pods are obtained with fruit at the optimum maturity level for long term storage. After application, store fruit not

(CONTINUATION ON THE BACK LABEL)



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(CONTINUATION OF FRONT LABEL)

for immediate sale according to good standard commercial practices, in either refrigerated air or controlled atmosphere. Store fruit to be held longer than 6 months in a controlled atmosphere.

Maintaining the cold chain (keeping the fruit cool at all times) and strict adherence to phytosanitary practices is essential in maintaining safe and high-quality fruit. See Table 1 below for optimum application timing of FreshVue Pods and appropriate length of treatment time per crop.

Table 1: Optimum FreshVue Pods application timing and length of treatment time

Crop	Time of Application	FreshVue Pods Treatment Time
Apple, Pear	As soon and/or within 2 weeks after harvest, and/or after long term storage and/or prior transport and distribution	24 hours

APPLICATION METHOD

Prior to application, ensure that the treatment area can be properly and promptly sealed following application.

FreshVue Pods is applied using a Proprietary Delivery Device equipped with air pump(s) provided by Pace International, LLC. Fill treatment area with fruit. Place the appropriate number of delivery devices on a stable surface in the treatment area within the air flow from the internal refrigeration system. Add 2 gallons (8 liters) of potable water to the device. The water temperature must be approximately 20 to 40 degrees Centigrade (68 to 104 degrees Fahrenheit). Add approximately 0.25 ounces (5-10 ml) defoamer to the water contained in the delivery device, if needed. Prepare air pumps by securing one end of the tubing to the pump outlet(s) and the other end to the bubbling stone(s). Turn on the air pump(s) and place the bubbling stone(s) into the delivery device. Make sure bubbles are being generated and the stone(s) is on the bottom of the delivery device. If the treatment area requires the use of multiple delivery devices repeat these steps for each device.

Consult Table 2 to determine the number of FreshVue Pods required for the treatment area. Selection of appropriate number of pods is based on the volume of treatment area. Calculate the treatment area volume by measuring the length, width and height of the treatment area in feet. Multiply these three numbers together to obtain the treatment area volume in cubic feet. For example, if a room is 4 feet wide, 50 feet long and 5 feet high, the treatment area volume equals 1,000 cubic feet. To determine the amount of FreshVue Pods, multiply the treatment volume by the rate shown in Table 2 for the selected crop and use the pods that correspond to the calculated amount.

Table 2: Selection of Appropriate Number of FreshVue Pods

CROP	RATE* per 1,000 ft³		RESTRICTIONS
	ounces	grams	
Apple	0.051-0.067	1.4 – 1.9	Do not apply more than 0.067 ounces / 1,000ft³ (1.9 grams / 1,000 ft³)
Pear	0.02 – 0.04	0.58-1.2	

*Each water-soluble FreshVue Pods contains sufficient 1-MCP powder to treat 9368 ft³ at a rate of 0.067 ounces/1,000 ft³ (1.9 grams/1,000 ft³)

Remove the appropriate number of water soluble FreshVue Pods from the protective foil packet and drop pods into the water contained in the device. Use no more than 8.2 ounces (232 grams) per delivery device for optimum 1-MCP release. Immediately leave the treatment area. Close the door to the treatment area and make sure there is an air-tight seal in order to contain the 1-MCP vapor to ensure the maximum efficacy of 1-MCP. Release of the 1-MCP into the treatment area will start several minutes after the water-soluble pod is added to the delivery device.

After the area is sealed, post a sign on all entrances to the treatment area. The sign must read **“CAUTION. Do not enter area. FreshVue Pods treatment in progress.”** The doors must remain sealed for the crop-specific treatment time (see Table 1) to ensure effective FreshVue Pods treatment. Entrance to the

prior to these time periods will reduce effectiveness of the treatment.

During the treatment, refrigeration and internal air circulation system must be running to ensure good air circulation. All vents to outside air should be closed, and any ethylene scrubbing devices or ozone generating equipment should be turned off. At the end of the FreshVue Pods treatment period, vent the treated room by opening the doors for a minimum of thirty minutes with continued full internal ventilation before allowing workers to enter. At the end of the room venting, remove the delivery device. The spent water contained in the delivery device can be disposed by pouring down a suitable drain.

Restrictions

- Restricted Entry Period (REI): 30 minutes after room has been vented
- Do not smoke during the FreshVue Pods application

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original packaging in a cool, dry place.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty outer foil package in trash. Triple rinse the delivery device with water after use. Instructions for returning the used delivery devices will be provided by Pace International LLC.

NOTICE TO BUYER

IMPORTANT: Before using this product, read the entire Precautionary Statements, Condition of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product and proprietary delivery device unopened and unused within thirty days of purchase to the place of purchase.

LIMITED WARRANTY, TERMS OF SALE, AND LIMITATION OF LIABILITY

Upon purchase of this product, purchaser and user agree to the following terms: Warranty: Pace International, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects. To the extent consistent with applicable law, except as expressly stated in the foregoing sentence, the Company makes no further warranties and expressly disclaims any implied warranties of merchantability or fitness for a particular purpose and any representation of warranty.

Terms of Sale: The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

Limitations of Liability: To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product with caused the alleged loss, damage, injury, or other claim. To the extent consistent with applicable law, under no circumstance shall the Company be liable for any special, indirect, incidental, or consequential damages of any kind, including loss of profits or income.

To the extent consistent with applicable law, the Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale, and limitation of liability, which may be varied or modified only an agreement in writing signed on behalf of the Company by an authorized representative.

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SKU # 10595

Lot #

Net Contents: 6 water soluble pods (each 0.63 oz or 17.8 g) per foil package. Total weight 3.78 oz or 106.8 g



Manufactured by:

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