

71297-5

(Container label first page only; insert label all pages)

# EthylBloc™ Sachet

EthylBloc™ Sachet is a powder packaged inside a water-absorbing material that, when wetted, releases 1-MCP gas to extend the life and usefulness of many fresh cut flowers, potted flowers, bedding, nursery and foliage plants. Plants are treated with this gas in flower boxes and shipping boxes. This product is intended for use only on ornamental, non-food crops. Do not use outdoors or in other non-enclosed areas.

**Active Ingredient:** 1-Methylcyclopropene.....0.014%  
**Other Ingredients:**.....99.986%  
**Total:**.....100.00%

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

**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 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 SWALLOWED:** 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 to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Net Contents: One thousand 0.088 ounce (2.5 gram) sachets



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EPA Establishment No.: 32258-SC-001  
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EthylBloc™ is a registered trademark of Rohm and Haas Company

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A Fully Owned Subsidiary of Rohm and Haas Company  
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## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators of this product must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.
- Protective eyewear (goggles or face shield).
- Rubber gloves.
- As a general precaution when exposed to a gas, for activities in enclosed areas wear a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).
- Applicators and handlers must follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **DIRECTIONS FOR USE**

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

### **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, 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 on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in the box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter enclosed areas containing boxes or containers with treated flowers or treated potted plants until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue until after two hours of ventilation using fans or other mechanical ventilating systems or four hours of ventilation using vents, windows or other passive ventilation.

PPE required for early entry to enclosed areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, prior to venting is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N,R,P, or HE prefilter.

## **Non-Agricultural Use Requirements**

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Apply and store boxes or containers containing treated cut flowers in well ventilated areas. Do not enter enclosed areas containing boxes or containers with treated cut flowers until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue until after two hours of ventilation using fans or other mechanical ventilating systems or four hours of ventilation using vents, windows or other passive ventilation.

PPE required for early entry into enclosed areas prior to venting is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N,R,P, or HE prefilter.

### 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:** Dispose of the empty outer foil pouch in the trash, as long as the paper sachets are unbroken.

### General Information

EthylBloc™ Sachet can extend the life and usefulness of many fresh cut flowers and potted flowers, bedding, nursery and foliage plants. It works by inhibiting the negative effects of ethylene and thus prevents or reduces premature flower death, leaf and/or flower fall, and leaf yellowing.

EthylBloc™ Sachet is specifically designed to be used by all levels of the floral and nursery industries, including growers, shippers, wholesalers, bouquet manufacturers, mail-order houses and retailers (such as florists, garden centers, nurseries and mass-market outlets). Use on potted plants at the nursery is considered a WPS use. All other uses are considered WPA uses. EthylBloc™ Sachet is very easy to use with almost no labor costs.

EthylBloc™ Sachet treatment benefits many flowers and plants such as:

Achillea, Aconitum, Agapanthus, Alchemilla, Allium, Alstroemeria, Alyssum, Aphelandra, Aquilegia, Asclepias, Astrantia, Asparagus Fern, Azalea, Begonia, Bouvardia, Brassia (*Schefflera*), Brodiaea (*Triteleia*), Calathea, Campanula, Carnation, Celosia, Centaurea, Chamaedorea, Chelone, Coleus, Cordyline, Cymbidium, Crocosmia (*Montbretia*), Daucus (Queen Annes Lace), Delphinium, Dendrobium, Dianthus, Dicentra, Dizygotheca, Doronicum, Echium, Eremurus, Eustoma (*Lisianthus*), Ficus, Freesia, Fuchsia, Geranium, Gladiolus, Godetia, Gypsophila, Hibiscus, Ilex (Holly), Impatiens, Ixia, Kalanchoe, Kniphofia, Lavatera, Lily, Lysimachia, Miniature Carnation, Monkshood, Pelargonium, Petunia, Philodendron, Phlox, Physostegia, Poinsettia, Radermachera, Rose, Rudbeckia, Salvia, Saponaria, Scabiosa, Silene, Snapdragon, Solidaster, Stock, Streptocarpus, Sweet William, Trachelium, Trollius, Veronica, Wax Flower, and Zygocactus.

To realize maximum benefits, treat plants whether or not they have been previously treated with EthylBloc™ Sachet or another anti-ethylene product. Shipments already treated with EthylBloc™ Sachet do not have to be retreated; however, retreating is not harmful and can even be beneficial. Some species

that would likely benefit from additional applications include those with more than one flower per stem i.e. snapdragons, delphiniums, miniature carnations, and alstroemeria) and flowers at different stages of development on the same plant i.e. geraniums, impatiens, and azaleas).

### **EthylBloc™ Sachet Application Method:**

Each EthylBloc™ Sachet contains two and a half grams of powder. The number of sachets to be used in a particular size box or container can be determined from the chart below by measuring the volume. To determine the volume, measure the length, width and height of the box or container in either feet or meters. Then multiply the length x width x height to get the volume in terms of cubic feet (ft<sup>3</sup>) or cubic meters (m<sup>3</sup>). Find the volume on the chart below and chose the number of sachets needed to treat that specific size box or container. For example, if the box is 2 feet long, 3 feet high, and 1 foot wide, the volume would be (2x3x1= 6) 6 ft<sup>3</sup>. From the chart below, four sachets would be needed to treat the box.

Box Volume (ft <sup>3</sup> )	Box Volume (m <sup>3</sup> )	Number of sachets to use per Box*
0 - 3	0 - 0.08	2
3 - 6	0.08 - 0.17	4
6 - 9	0.17 - 0.25	6
9 - 12	0.25 - 0.34	8
12 - 15	0.34 - 0.42	10

\* Box or container

To treat a box or container containing flowers or potted plants, determine the number of sachets, dip each of the sachets into clean water, place the wetted sachets into the box or container and immediately close the lid. Pre-cooling flaps should be closed when treatment is occurring. The box or container should remain closed during storage and shipping for at least 4 hours to ensure the flowers or plants have received an effective treatment.

**Warranty:** AgroFresh, Inc. warrants that this material conforms to the chemical description on the label and is reasonably fit for the intended purpose referred to on the label. AgroFresh Inc. makes no other express or implied warranty. AgroFresh Inc. recommends that the user or grower test this product on a portion of its product to determine suitability for the intended use. The maximum liability for breach of this warranty shall not exceed the purchase price of this product. AgroFresh, Inc.'s maximum liability for breach of this warranty shall not exceed the purchase price of the product. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material.