

71297-5

MASTER LABEL

EthylBloc™ Sachet

Sublabel A: Commercial ornamental

Sublabel B: Fruit and Vegetables (Non-agricultural use)

Active Ingredient:

1-Methylcyclopropene.....0.014%

Other Ingredients:.....99.986%

Total:.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No.71297-5

EPA Establishment No. 32258-SC-001

ACCEPTED

MAR 31 2014

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 71297-5

SUBLABEL A: COMMERCIAL ORNAMENTALS

(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	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor for 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 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
HOTLINE 1-215-592-3000	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Rohm and Haas, a Dow Chemical Company, at 215-592-3000 for emergency medical treatment information twenty four (24) hours a day, seven (7) days a week.	

Net Contents: Two hundred and fifty (250) 0.088 ounce (2.5 gram) sachets

Lot No.

material id/spec id

EPA Registration No.: 71297-5
EPA Establishment No.: 32258-SC-001
U.S. Patent Nos. 5,518,988, 6,017,849

EthylBloc™ is a registered trademark of Rohm and Haas Company

AgroFresh Inc.
A Fully Owned Subsidiary of Rohm and Haas Company
100 Independence Mall West
Philadelphia, PA 10106
215 592-3000

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 fifteen minutes 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.

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 (ft³) or cubic meters (m³). 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 ft³. From the chart below, four sachets would be needed to treat the box.

Box Volume (ft ³)	Box Volume (m ³)	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.

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.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, all of which are beyond the control of AGROFRESH INC. or its direct or indirect distributors. To the extent permitted by applicable law, Buyer and User agree to hold AGROFRESH and its distributors harmless from any claims relating to such factors.

AGROFRESH warrants that this product conforms to the chemical description on the label. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of AGROFRESH or its distributors, and, (2) Buyer and User assume the risk of any such use. To the extent permitted by applicable law, AGROFRESH MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED IN THIS LABEL.

To the extent permitted by applicable law, in no event shall AGROFRESH or its distributors be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AGROFRESH AND ITS DISTRIBUTORS, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AGROFRESH OR ITS DISTRIBUTORS, THE REPLACEMENT OF THE PRODUCT.**

AGROFRESH and its distributors offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of AGROFRESH.

EthylBloc™ Sachet

EthylBloc™ Sachet is a powder packaged as a sachet. The sachet allows the release of 1-MCP gas, which extends the shelf-life of many fruits and vegetables. 1-MCP is a unique postharvest tool for counteracting many of the undesirable effects of ethylene. Fruits and vegetables are treated with this gas in shipping boxes.

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

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If inhaled	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for 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 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<p>HOTLINE 1-215-592-3000</p>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Rohm and Haas, a Dow Chemical Company, at 215-592-3000 for emergency medical treatment information twenty four (24) hours a day, seven (7) days a week.</p>	

Lot No.

material id/spec id

Net Contents: 100, 250, 500, 750, 1000, 1500, 2000 Sachets per Package

Sachet Sizes	
Ounces	Grams
0.022	0.625
0.044	1.25
0.088	2.5

EPA Registration No.: 71297-5

EPA Establishment No.: 32258-SC-001

U.S. Patent Nos. 5,518,988, 6,017,849

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AgroFresh Inc.

A Fully Owned Subsidiary of Rohm and Haas Company

100 Independence Mall West

Philadelphia, PA 10106

215 592-3000

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
- 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.

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 fruits and vegetables in well ventilated areas. Do not enter enclosed areas containing boxes or containers with treated fruits and vegetables until the enclosed area has been vented unless wearing the appropriate PPE. Ventilation shall continue until after fifteen minutes 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.

General Information

EthylBloc Sachet can extend the shelf-life of many fruits and vegetables. It works by inhibiting the negative effects of ethylene and thus prevents or reduces premature senescence of fruits and vegetables.

EthylBloc Sachet is specifically designed to be used by all levels of the fruit and vegetable industries, including growers, shippers, wholesalers, mail-order houses and retailers. EthylBloc Sachet is very easy to use with almost no labor costs.

EthylBloc Sachet treatment benefits the following fruits and vegetables:

Apple, Broccoli, Kiwifruit, Pear, Persimmon, Plums, Tomatoes

To realize maximum benefits, treat fruits and vegetables whether or not they have been previously treated with 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.

EthylBloc Sachet Application Method:

EthylBloc Sachet comes in three sizes. The number of sachets to be used in a particular size box or container can be determined from the table below by the weight of fruits or vegetables the box is rated to hold. For example, if the box is designated for 45 pounds of fruit, four 0.022 ounce sachets or two 0.044 ounce sachets or one 0.088 sachet can be used to treat the fruit in the box.

Number of EthylBloc Sachet 0.022 (625mg) Selection:

lb of fruit per Box	kg of fruit per Box	Number of sachets to use per Box*
10 – 20	4.5 – 9.0	1-2
20.1 - 40	9.1 – 18	2-4
40.1 – 60	18.1 – 27	3-6
60.1 – 80	27.1 – 36	4-8
80.1 – 100	36.1 – 45	5-10

Number of EthylBloc Sachet 0.044oz (1200mg) Selection:

lb of fruit per Box	kg of fruit per Box	Number of sachets to use per Box*
20 – 40	9.0 – 18	1-2
40.1 - 80	18.1 – 36	2-4
80.1 – 120	36.1 – 54	3-6
120.1 – 160	54.1 – 72	4-8
160.1 – 200	72.1 – 90	5-10

Number of EthylBloc Sachet 0.088oz (2500mg) Selection:

lb of fruit per Box	kg of fruit per Box	Number of sachets to use per Box*
40 – 80	18 – 36	1-2
80.1 - 160	36.1 – 72	2-4
160.1 – 240	72.1 – 108	3-6
240.1 – 320	108.1 – 145	4-8
320.1 – 400	145.1 – 180	5-10

* The higher number of sachets in the range yields the higher dosage and is preferred for longer lasting results and in some cases broader spectrum control

For best results, use a non-perforated plastic liner inside the box and then pack out fruit or vegetable. Then place the sachets inside the liner in the box, immediately fold the liner and close the lid. The plastic liner and box or container should remain closed during storage and shipping for at least 24 hours to ensure the fruits or vegetables have received an effective treatment.

Restrictions: Do not open sachets. Use sealed sachets only.
Do not smoke while handling sachet.

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.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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AGROFRESH warrants that this product conforms to the chemical description on the label. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of AGROFRESH or its distributors, and, (2) Buyer and User assume the risk of any such use. To the extent permitted by applicable law, AGROFRESH MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED IN THIS LABEL.

To the extent permitted by applicable law, in no event shall AGROFRESH or its distributors be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AGROFRESH AND ITS DISTRIBUTORS, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AGROFRESH OR ITS DISTRIBUTORS, THE REPLACEMENT OF THE PRODUCT.**

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