# ENGAGE AGRO USA

## BUGITOL CONCENTRATE

For Agricultural and General Commercial Use

<table>
<thead>
<tr>
<th>FOR</th>
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<tbody>
<tr>
<td>Fruits</td>
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<tr>
<td>Vegetables</td>
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<td>Nuts</td>
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<td>Berries</td>
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<td>Grains</td>
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<td>Flowers</td>
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<tr>
<td>Shrubbery</td>
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<table>
<thead>
<tr>
<th>TO CONTROL AND REPел</th>
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<tbody>
<tr>
<td>LISTED INSECTS AND AIRBORNE FUNGI*</td>
</tr>
<tr>
<td>Aphids</td>
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<tr>
<td>Armyworms</td>
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<tr>
<td>Grasshoppers</td>
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<td>Leafhoppers</td>
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<tr>
<td>Leafminers</td>
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<tr>
<td>Thrips</td>
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<tr>
<td>Tomato Fruit Worms</td>
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<tr>
<td>White Flies</td>
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<tr>
<td>Other Listed Insects</td>
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</table>

* Refer to “Sites And Pests Controlled” in the “Directions for Use” section for an exact listing of sites and species

**Active Ingredients**

- Capsaicin and related Capsaicinoids*.......... 0.42%  
- Allyl Isothiocyanate**.......................... 3.70%

**Other Ingredients**.......................... 95.88%

**Total**........................................... 100.00%

* Oleoresin of Capsicum
** From Essential Oil of Mustard

## KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See additional precautionary statements on following pages

<table>
<thead>
<tr>
<th>FIRST AID</th>
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<tbody>
<tr>
<td>If on skin or clothing</td>
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</table>
| - Take off contaminated clothing.  
- Rinse skin immediately with plenty of water for 15 minutes.  
- Call a poison control center of doctor for treatment advice.  |
| If swallowed            |   |
| - 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.  
- Call a poison control center or physician 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.  
- Call a poison control center or physician for treatment advice.  |
| 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.  
- Call a poison control center or doctor for further treatment advice.  |

## HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, 6:30 to 4:30 PST.

Manufactured for:  
Engage Agro USA, LLC  
118 E. Carleton Street, Suite A  
Prescott, AZ 86303  
928-445-7990  

EPA Reg. No. 61966-4-87865  
EPA Est. No. 74982-NJ-001  
Patent No. 6,051,233

NET CONTENTS: 10 LITERS (2.64 GALLONS)
PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin, swallowed, or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. If inhaled, move person to fresh air. Wear the appropriate Personal Protective Equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Applicators and other handlers must wear:
- Long sleeve shirt and long pants
- Footwear plus socks
- Chemical-resistant gloves
- Protective eyewear

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. This product may be toxic to aquatic organisms. Do not apply to or allow runoff to reach lakes, streams and ponds. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate. Do not dump rinse water into sewers or other bodies of water.

Bee Precaution: Do not apply prior to or during pollination as Bugitol Concentrate kills and repels bees and therefore, adversely affects pollination.

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 during application. For any requirement specific to your State or Tribe, consult the State/Tribal agency responsible for the pesticide regulation.

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 agriculture 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 this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of four (4) hours unless wearing appropriate PPE.

PPE required for early entry to treated 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, is:
- Long-sleeved shirt and long pants
- Protective eyewear
- Chemical-resistant gloves,
- Footwear plus socks.
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 (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to product agricultural plants on farms, forests, nurseries or greenhouses.
Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of four (4) hours unless wearing appropriate PPE.
PPE required for early entry to treated areas that involves contact with anything that has been treated, such as plants, soil, or water, is:
- long-sleeved shirt and long pants
- protective eyewear
- chemical-resistant gloves
- footwear plus socks.

USE RESTRICTIONS
The product must only be opened and used in a well-ventilated area.
Bee Precaution: Do not apply prior to or during pollination as Bugitol repels bees and therefore adversely affects pollination.
Do not use material if it cannot be applied according to the use patterns on the label.
Do not apply this product through any type of irrigation system.

SITES AND PESTS CONTROLLED
For use on the following brassica vegetables, bulb vegetables, cereal grains, citrus, cotton, cucurbits, forage crops, fruiting vegetables, kiwi, leafy vegetables, legume vegetables, nut trees, peanuts, pome fruit trees, root and tuber vegetables, small fruits and berries, stone fruit trees, and tropical fruits:
Bulb Vegetables: (Garlic, Leek, Onion, and Shallot): For controlling and repelling Armyworms, Leafminers, Thrips, and Wireworms.
Cereal Grains: (Barley, Buckwheat, Corn, Millet, Oats, Popcorn, Rye, Wheat, and Wild Rice): For controlling and repelling Aphids, Armyworms, Beetles, Borers, Cutworms, Earworms, Grasshoppers, Rootworms, White Grubs, and Whiteflies.
Corn: For controlling and repelling Corn Earworm.
Fruiting Vegetables: (Bell Pepper, Chile Pepper, Cooking Pepper, Eggplant, Ground Cherry, Pepino, Pimento, Sweet Pepper, Tomatillo, and Tomato): For controlling and repelling Aphids, Beetles, Cutworms, Fruit worms, Horn Worms, Leafminers, Loopers, Meal ybugs, Plant Bugs, Whiteflies, and Wireworms.
Kiwi: For controlling and repelling Japanese Beetles.
Peanuts: For controlling and repelling Aphids, Armyworms, Earworms, Cutworms, Leafhoppers, Rootworms, and Thrips.
Pome Fruit Trees: (Apple, Crabapple, Mayhaws, Pears, Quince): For controlling and repelling Aphids, AppleWorks, Case bearers, Coding Moths, Curculios, Leafminers, Leafrollers, Leaf miners, Meal ybugs, Plant Bugs, Psylla, Saw Flies, Scale.

Stone Fruit Trees: (Apricots, Cherries, (sweet and sour), Nectarines, Peaches, Plums): For controlling and repelling Aphids, Beetles, Borers, Fruit Flies, Fruit-moth, Leafminers.

Tropical Fruits: (Avocado, Coconut, Guava, Bananas, Key Lime, Lychee, Mango, Papaya, Passion Fruit, Barbados Cherry, Jackfruit, Star Apple, Sugar Apple, Tahiti Lime): For controlling and repelling Aphids, Beetles, Borers, Cutworms, Earwigs, Fruit Worms, Grubs, Leafhoppers, Leafminers, Mealy Bugs, Plant Bugs, Root Worms, Saw Flies, Scale, Sigatoka (Black and Yellow), Slugs, Spittlebugs, Stem Girdlers, Thrips, Tree Crickets, Weevils, Whiteflies, Wireworms.

**TREATMENT AND USE RATES**

**METHOD OF APPLICATION**

**Hand Application Directions (One Gallon):** To obtain maximum benefits apply every seven (7) to ten (10) days before infestation begins. If infestation is present, apply 1.5 fl. oz. of Bugitol Concentrate per gallon of water and spray every four (4) to five (5) days and increase to three (3) fl. oz. of Bugitol Concentrate per gallon of water if infestation is heavy. Apply as a full coverage, making sure both sides of the leaves are covered. Apply during cool periods of the day. Apply as a preventative treatment prior to insect infestation. Make the first application at foliar emergence and repeat on a 10-14 day spray schedule to maintain the repelling effect. If infestation is present, apply 48 fl. oz of Bugitol Concentrate per 100 gallons of water per acre. Heavy infestation: apply 96 fl. oz of Bugitol Concentrate per 100 gallons per acre.

**Ground Machine and Aerial Application:** Apply by ground machine or aerial application at a rate of 48 fl. oz of Bugitol Concentrate per 100 gallons of water per acre for normal infestation, and 96 fl. oz of Bugitol Concentrate per 100 gallons of water per acre for heavy infestation. For normal infestations, this rate is equal to 48 fl. oz of Bugitol Concentrate, 0.20 fl. oz Capsaicin and related Capsaicinoids, and 1.77 fl. oz. Allyl Isothiocyanate per acre. For heavy infestations, this rate is equal to 96 fl. oz of Bugitol Concentrate, 0.40 fl. oz Capsaicin and related Capsaicinoids, and 3.55 fl. oz. of Allyl Isothiocyanate per acre. Apply as a full coverage, making sure both sides of the leaves are covered. Apply during cool periods of the day. Apply as a preventative treatment prior to insect infestation. Make the first application at foliar emergence and repeat on a 10-14 day spray schedule to maintain the repelling effect.

**TANK MIXING**

Do not mix Bugitol Concentrate with other pesticides or products other than water as specified in this label will reduce product effectiveness.

**MIXING DIRECTIONS (Dilutions)**

Dilute Bugitol Concentrate at a rate of 48 fl. oz per 100 gallons of water per acre for normal infestation and 96 fl. oz. per 100 gallons of water per acre for heavy infestation. Mix thoroughly until a uniform consistency is obtained.

**HARVESTING**

Fruits and vegetables treated with Bugitol may be thoroughly washed and consumed the same day of application.
STORAGE AND DISPOSAL
DRUMS AND TANKS

Storage and Handling: Do not contaminate water, food or feed by storage and disposal. Store in a dry, cool, well-ventilated area. Store only in the original container inaccessible to children and pets in a cool, dry place, out of direct sunlight and away from heat, open flames or hot surfaces. Do not freeze. Persons moving, handling, or opening containers must wear the personal protective clothing. Open container only in a well ventilated area.

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: Triple rinse (or equivalent) the plastic container. 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.

WARRANTY STATEMENT

Champon Millennium Chemicals, Inc. warrants that this product conforms to the description on the label and is reasonably fit for the purposes set forth on the label, when used in accordance with directions and under normal conditions. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instructions; the user assumes all risk of any such uses.

For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300

For product use or customer service inquiries, call 928-445-7990

Manufactured By:
Frenchroma Imports, Inc.
9 Audrey Place
Fairfield, NJ 07004