SECTION 1: Identification

1.1. Identification
Product form: Mixture
Trade name: Just One Bite II Bar
Synonyms: 100504295, EPA Reg. No.: 270-373, Bromadiolone Bait Bar

1.2. Recommended use and restrictions on use
Recommended use: Rodenticide.
Restrictions on use: Keep out of reach of children. Avoid contact with eyes, skin and clothing. Avoid breathing dust.

1.3. Supplier
Farnam Companies, Inc.
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
www.justonebitebrand.com

1.4. Emergency telephone number
Emergency number: 1-800-234-2269
1-800-424-9300 - CHEMTREC
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Combustible Dust
May form combustible dust concentrations in air

2.2. GHS Label elements, including precautionary statements
GHS-US labeling
Signal word (GHS-US): Warning
Hazard statements (GHS-US): May form combustible dust concentrations in air

2.3. Other hazards which do not result in classification
Other hazards not contributing to the classification: This product is extremely toxic to mammals and birds. This pesticide is toxic to fish. Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
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<th>%</th>
</tr>
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<tr>
<td>Bromadiolone</td>
<td>(CAS-No.) 28772-56-7</td>
<td>0.005</td>
</tr>
<tr>
<td>Wheat flour, corn meal, rolled oats</td>
<td>(CAS-No.) N/A</td>
<td>60 - 70</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>(CAS-No.) N/A</td>
<td>Balance</td>
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</table>

SECTION 4: First-aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. Call a POISON CENTER or doctor/physician if you feel unwell.
**First-aid measures after skin contact**: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**First-aid measures after eye contact**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.

**First-aid measures after ingestion**: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

**4.2. Most important symptoms and effects (acute and delayed)**
No additional information available

**4.3. Immediate medical attention and special treatment, if necessary**
If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K1 intramuscularly or orally. Repeat as necessary based on monitoring of prothrombin times.

**SECTION 5: Fire-fighting measures**

**5.1. Suitable (and unsuitable) extinguishing media**
- Unsuitable extinguishing media: Avoid heavy hose streams.

**5.2. Specific hazards arising from the chemical**
- Fire hazard: May ignite spontaneously if exposed to air.
- Explosion hazard: Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
- Reactivity: This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

**5.3. Special protective equipment and precautions for fire-fighters**
- Firefighting instructions: Combustible dust - use low-pressure medium fog streams to avoid dust clouds. Ventilate closed spaces before entering. Eliminate ignition sources. Move containers away from the fire area if this can be done without risk.
- Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**6.1.1. For non-emergency personnel**
- Protective equipment: Avoid contact with skin, eyes and clothing. Avoid dust formation and breathing dust. Keep all ignition sources away. Wear suitable protective equipment.

**6.1.2. For emergency responders**
- Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.
- Emergency procedures: Contain spill and monitor for excessive dust accumulation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering. Turn off electric power to area. As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions. Evacuate area.

**6.2. Environmental precautions**
Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**
- Methods for cleaning up: Use appropriate PPE. Sweep or scoop spills, dispose of any unusable material in approved landfill. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Non-sparking tools should be used.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**
- Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool. Store in a closed container. Keep only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.


SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Environmental exposure controls: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection: Protective gloves

Eye protection: Safety glasses

Skin and body protection: Wear long-sleeved shirt and long pants, and shoes plus socks.

Respiratory protection: In case of insufficient ventilation, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid
Appearance: Yellow chunk or bar with brown and white particles
Color: Yellow with brown and white
Odor: None
Odor threshold: No data available
pH: 6.39 (1% aq. sol'n)
Melting point: No data available
Freezing point: Not applicable
Boiling point: No data available
Flash point: Not applicable
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): Not flammable
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: Not applicable
Bulk density: 0.62 g/ml (38.7 lb/ft3)
Solubility: No data available
Log Pow: No data available
Auto-ignition temperature: Not applicable
Decomposition temperature : No data available
Viscosity, kinematic : Not applicable
Viscosity, dynamic : No data available
Explosion limits : Not applicable
Explosive properties : Combustible dust.
Oxidizing properties : Not applicable

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use. May form combustible dust concentrations in the air.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
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<th>Just One Bite II Bar</th>
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</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
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<tr>
<td>LD50 dermal rabbit</td>
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<td>pH</td>
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<table>
<thead>
<tr>
<th>GHS-US Properties</th>
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<tr>
<td>Acute toxicity</td>
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<tr>
<td>Skin corrosion/irritation</td>
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<td>Serious eye damage/irritation</td>
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<td>Respiratory or skin sensitization</td>
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<td>Germ cells mutagen</td>
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<tr>
<td>Carcinogenicity</td>
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<td>Reproductive toxicity</td>
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<td>(single exposure)</td>
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<td>(repeated exposure)</td>
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<tr>
<td>Aspiration hazard</td>
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</table>

Potential health effects

Inhalation
Acute : Under normal conditions of use, no health effects are expected.

Skin
Acute : Under normal conditions of use, no health effects are expected.

Eye
Acute : May cause mild irritation.

Ingestion
Acute : Under normal conditions of use, no health effects are expected.
Mutagenicity: Bromadiolone is not a mutagen.
Carcinogenicity: Bromadiolone is not listed as a carcinogen by OSHA, IARC or NTP.
Reproductive Effects: Bromadiolone is not a reproductive or developmental toxicant.

SECTION 12: Ecological information

12.1. Toxicity

Bromadiolone (28772-56-7)

<table>
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<tr>
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<th>LC50 Acute fish 1</th>
<th>EC50 Acute crustacea 1</th>
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<tr>
<td></td>
<td>2.86 (Exposure time: 96hr Oncorhynchus mykiss)</td>
<td>5.79 (Exposure time: 48hr Daphnia)</td>
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</table>

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Bromadiolone (28772-56-7)

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<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td></td>
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</table>

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Just One Bite II Bar

Ecological Fate: This product is extremely toxic to mammals and birds. This pesticide is toxic to fish.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

<table>
<thead>
<tr>
<th>UN number</th>
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<td>IATA</td>
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SECTION 15: Regulatory information

15.1. US Federal regulations

FIFRA Labelling

EPA Registration Number: 270-373

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

FIFRA Signal word: Caution

FIFRA Precautionary Statement: KEEP OUT OF REACH OF CHILDREN.
### FIFRA Hazards to Humans and Domestic Animals

Harmful if swallowed. Keep away from children, domestic animals and pets. Causes moderate eye irritation. Do not get in eyes or on clothing. All handlers (including applicators) must wear long-sleeved shirt and long pants, shoes plus socks, and gloves. Any person who retrieves carcasses or unused bait following application of this product must wear gloves.

**User Safety Requirements:**
Follow manufacturer’s instruction for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco, or using the toilet and change into clean clothing.

### FIFRA First Aid

Have label with you when obtaining treatment advice. IF SWALLOWED: 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person. 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.

**HOT LINE 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 1-800-234-2269 for emergency medical treatment information.

**NOTE TO PHYSICIAN**
If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K1 intramuscularly or orally. Repeat as necessary based on monitoring of prothrombin times.

**TREATMENT FOR PET POISONING**
If animal eats bait, call veterinarian or 1-800-234-2269 [optional] at once.

**NOTE TO VETERINARIAN**
Anticoagulant Bromadiolone: For animals ingesting bait and/or showing poisoning signs (bleeding or alleviated prothrombin times), give Vitamin K1. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed.

### FIFRA Environmental Hazards

This product is extremely toxic to mammals and birds. Dogs, cats, and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. This pesticide is toxic to fish. Do not apply this product directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may also be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

### 15.2: US State regulations

No additional information available

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**SECTION 16: Other information**

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<th>Date of issue</th>
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<tr>
<td>Revision date</td>
<td>24 October 2017</td>
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SDS US (GHS HazCom 2012) - CGP

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