

# MATERIAL SAFETY DATA SHEET

Document Prepared to meet requirements of the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200, The EU Directive, 91/155/EEC and other regulatory requirements.

## 1. Company and Product Information

<b>Product:</b>	Bradshaw's 4 Ring Protection Outdoor Zone Pouch 15-Day	<b>Emergency Telephone Number:</b> Info Trac Chemical Response System (800) 535-5053
<b>Manufacturer:</b>	Penta5USA, LLC 1712 Northgate Boulevard Sarasota, FL 34243	<b>General Information:</b> (800) 511-5609

## 2. Ingredients

Ingredient Name	Percent by Weight	CAS #	Exposure Limits
<b>Active Ingredients:</b>			
Thyme	0.17	n/a	None Established
Rosemary	0.16	n/a	None Established
Cinnamon	0.16	n/a	None Established
Thyme Oil	0.03	8007-46-3	None Established
<b><u>TOTAL</u></b>	<b><u>.52</u></b>		
<b>Inert Ingredients:*</b>			
*Proprietary blend:	<b><u>TOTAL</u></b>		<b><u>99.48</u></b>
of			
Water		7732-18-5	None Established
Sucrose		57-50-1	None Established
Yeast		n/a	None Established
Licorice Extract		68916-91-6	None Established
Wheat Flour		n/a	None Established
Sodium Bicarbonate		144-55-8	None Established
N-Octanoic Acid		124-07-2	None Established
<b><u>TOTAL</u></b>	<b><u>100%</u></b>		

### Exposure Limits for final product:

Acute Oral Toxicity (rats) LD 50 > 5000 mg/kg; Acute Dermal Toxicity (rats) LD 50 > 5000 mg/kg

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### 3. Hazards Identification

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**Potential Health Effects:** May be harmful if swallowed or inhaled. May cause eye Irritation.

**Flammable:** Do not store or use near extreme heat or open flame.

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### 4. First Aid Measures

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**Caution:** Avoid Eye Contact.

**If in eyes:** Check for and remove contact lenses. In case of contact Flush eyes with water. Get Medical attention.

**If on Skin:** If skin reaction wash with soap and water, if irritation persists, contact physician.

**If Ingested:** Rinse out mouth with water. Do not induce vomiting. Seek medical attention if necessary.

**If Inhaled:** Move exposed person to fresh air.

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### 5. Fire Fighting Measures

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**Flashpoint:** N/A

**Flammable Limits:** N/A

**Extinguishing Media:** Use dry chemical, foam, or carbon dioxide extinguishers.

**Fire and Explosion Hazards:** Keep away from sparks, flames or sources of ignition.

**Special Fire Fighting Procedures:** Firefighters should have eye protection and wear self-contained breathing apparatus.

**Hazardous Decomposition Products:** Smoke, fumes, carbon dioxide, carbon monoxide, and Hydrocarbons and terpenes.

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### 6. Spill/Leak Procedures

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If product is spilled absorb any liquid with an inert absorbent material and dispose of the material according to local ordinances. Components of this product are not considered EPA hazardous wastes.

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## 7. Handling and Storage

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Store in cool, dry place. Keep out of reach of children and animals. Do not mix with other pesticides. Do not smoke while using this product. Avoid excessive heat.

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## 8. Exposure Control/Personal Protection

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<b>Ventilation:</b>	Local exhaust ventilation not required
<b>Respiratory Protection:</b>	Not required if adequate ventilation is present
<b>Eye Protection:</b>	Not required.
<b>Gloves:</b>	Not required
<b>Other protective equipment:</b>	Not required

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## 9. Physical Properties

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<b>Appearance:</b>	Brown liquid	<b>Density:</b>	1.135 g/ml
<b>Odor:</b>	N/A		

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## 10. Stability and Reactivity

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<b>Chemical Stability:</b>	Stable	<b>Hazardous Polymerization:</b>	Will not occur
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## 11. Toxicological Information

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<b>Rat Acute Oral:</b>	LD 50	> 5000 mg/kg		
<b>Rat Acute Dermal:</b>	LD 50	> 5000 mg/kg		
<b>Carcinogenicity:</b>		<b>NTP:</b>	No	<b>OSHA:</b> No

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## 12. Environmental Information

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Data regarding toxicity to fish or other aquatic organisms is not available for this product, however, care should always be exercised to prevent insecticides from entering aquifers.

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### 13. Disposal

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Once container is empty, recycle if possible. If recycling is not possible, wrap the container and dispose of with trash.

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### 14. Transportation Information

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**Proper Shipping Name:** Consumer Commodity      **DOT Hazard Class:** Not regulated

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### 15. Regulatory Information

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**NFPA Ratings:** Health (1)      Fire (0)      Reactivity (0)      Special (none)  
**TSCA:** Ingredients in this product are either listed or excluded from the TSCA inventory.  
**SARA Title III:** This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.