



SAFETY DATA SHEET

1. Product and Company Identification

Product Identifier	Badger Anti-Bug Shake and Spray, Anti-Tick Spray
Recommended use	Bug repellent
Recommended restrictions	None known.
Manufacturer information	W.S. Badger Company Inc. 768 Route 10 Gilsum, NH 03448 USA Phone: 800-603-6100 Fax: 603-352-4818 custserv@badgerbalm.com
Emergency phone number	National Poison Control Center 1-800-222-1222

2. Hazards Identification

Physical Hazards	Not classified
Health hazards	May cause Eye Irritation Category 2b
Environmental hazards	Not classified
WHMIS 2015 defined hazards	Not classified
Label elements	
Hazard Symbol	None
Signal Word	Warning
Hazard Statement	The product may cause eye irritation.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Use standard clean-up procedures.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known
WHMIS 2015: Physical Hazard(s) Not otherwise classified (PHNOC)	None known
Hazard(s) not otherwise classified (HNOC)	None known
Supplemental information	The following exemption(s) have been applied to the SDS and/or product labels: 29CFR 1910.1200(b)(5)(iii) and 29CFR 1910.1200(b)(6)(viii)

3. Composition / Information on Ingredients

This product does not contain ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under the HPA.

4. First Aid Measures

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Product intended to be used on skin. Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a physician.
Eye contact	Irrigate the eye to remove deposits and seek medical attention if discomfort persists.
Ingestion	Rinse mouth. Get medical advice / attention if you feel unwell.
Most important symptoms/ effects	None expected.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Follow label directions carefully. If symptoms persist, call a physician.

5. Fire Fighting Measures

Suitable extinguishing media	Treat for surrounding material
Unsuitable extinguishing media	Not available
Specific hazards arising from the chemical	Not available
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials
General fire hazards	No unusual fire or explosion hazards noted
Hazardous combustion products	May include and are not limited to: Oxides of carbon

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Wipe up with any absorbent material. Pick up and discard in trash. Wipe or mop up any liquid, and dispose properly. Clean surface thoroughly to remove residual contamination.
Environmental precautions	Do not contaminate water courses or ground.

7. Handling and Storage

Precautions for safe handling	Use according to package label instructions
Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store away from incompatible materials (see section 10 of the SDS)

8. Exposure Controls / Personal Protection

Individual protection measures, such as personal protective equipment

Eye/face protection	Not normally required when used as directed. Follow label directions.
Skin protection	
Hand protection	Not normally required when used as directed. Follow label directions.
Other	Not normally required. Follow label directions.
Respiratory protection	Not normally required under normal use conditions.
Thermal hazards	Not available.
General hygiene considerations	Follow good hygienic and housekeeping practices.

9. Physical and Chemical Properties

Appearance	Liquid
Physical State	Liquid
Form	Spray
Odor	Citronella, herbal
pH	Not available
Initial boiling point and boiling range	Not available
Specific gravity	Not available
Flash point	>200.0 F (>93.3 C)
Vapor density	Not available
Solubility(ies)	Not available

10. Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage, and transport.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.
Information on likely routes of exposure	
Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	No adverse effects due to eye contact are expected.
Symptoms related to the physical, Chemical, and toxicological characteristics	There are no hazards associated with this product in normal use.
Information on toxicological effects	
Acute toxicity	Not available.
Skin corrosion/irritation	In case of skin irritation, discontinue use of the product.
Serious eye damage/eye irritation	Health injuries are not known or expected under normal use.
Respiratory or skin sensitization	Health injuries are not known or expected under normal use.
Mutagenicity	The finished product is not expected to have chronic health effects.
Carcinogenicity	The product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	The product is not expected to cause reproductive or developmental effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Specific organ target toxicity - Single exposure	Not classified
Specific target organ toxicity - Repeated exposure	Not classified
Aspiration hazard	Not classified
Chronic effects	The finished product is not expected to have chronic health effects.

12. Ecological Information

Ecotoxicity	Not available.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulation potential	No data available.
Mobility in soil	No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

13. Disposal Considerations

Disposal instructions

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code

Not applicable.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport Information

**Transport of Dangerous Goods (TDG)
Proof of Classification**

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods

**Transportation of Dangerous Goods
(TDG - Canada)**
Not regulated as dangerous goods

MEX - Not regulated

ICAO - Not regulated

IATA - Not regulated

IMDG/IMO - Not regulated

15. Regulatory Information

Canadian federal regulations

Export Control List (CEPA 1999, Schedule 3)
Not listed

Greenhouse Gases
Not listed

Precursor Control Regulations
Not regulated

WHMIS 2015 Exemptions

Exempt

US federal regulation

This cosmetic product is in compliance with Title 21 of the Code of Federal Regulations, Part 701 and 740

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate hazard - No

Delayed hazard - No

Fire hazard - No

Pressure hazard - No

Reactivity hazard - No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)
Not regulated

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130)

Not regulated

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Inventory Status

Country(ies) or region

Inventory Name

On inventory (yes/no)*

United States and Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

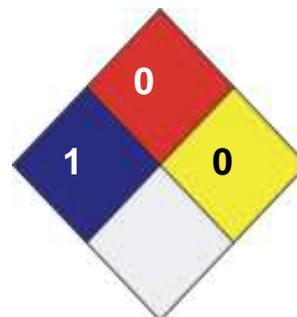
Yes

* A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(ies)

16. Other Information

Legend	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



Disclaimer Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries, or consequential damages which may result from the use or reliance on any information contained in this document.

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Prepared by W.S. Badger Company Inc.

Other information For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.