Safety Data Sheet

Issue Date: 29-Apr-2025 **Revision Date:** 30-Apr-2025 **Version** 1

1. IDENTIFICATION

Product identifier

Product Name Bonide Shotgun Repels-All Animal Repellent Ready to Spray

Other means of identification

SDS # BONIDE-007

Product Code 240-25B

Recommended use of the chemical and restrictions on use

Recommended Use Repellent.

Details of the supplier of the safety data sheet

Supplier Address

Bonide Products, LLC
6301 Sutliff Road
Oriskany, NY 13424
Phone: 1-800-536-8231
Fax: 315-736-7582 www.bonide.com

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Light brown liquid **Physical state** Liquid **Odor** Vinegar

Classification

This chemical does not meet the hazardous criteria set forth by the OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Proprietary component 2	Proprietary	<0.1
Putrescent whole egg solids	51609-52-0	<0.1
Dried Blood	N/A	<0.1
Ascophyllum nodosum, ext.	84775-78-0	<0.1
Meat meal	68131-12-4	<0.1
Garlic oil	8000-78-0	<0.1
Vanillin	121-33-5	<0.1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General Advice Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Eye Contact Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Skin Contact Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Inhalation Assure fresh air breathing. Allow the person to rest.

Ingestion Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Dry powder. Carbon dioxide (CO2). Water spray (fog). Sand.

Unsuitable Extinguishing Media Do not use a heavy water stream.

Specific Hazards Arising from the Chemical

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray or fog to keep containers cool. Evacuate area of unprotected personnel.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Evacuate unnecessary personnel.

For Emergency Responders Equip cleanup crew with proper protection. Ventilate the area.

Environmental precautions

Environmental precautions Prevent entry to sewers and public waters. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in original container. Keep container closed when not in use.

Incompatible Materials Strong bases. Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Proprietary component 2	STEL: 15 ppm TWA: 10 ppm	TWA: 10 ppm TWA: 25 mg/m^3 (vacated) TWA: 10 ppm (vacated) TWA: 25 mg/m^3	IDLH: 50 ppm TWA: 10 ppm TWA: 25 mg/m^3 STEL: 15 ppm STEL: 37 mg/m^3

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Chemical goggles or safety glasses. Refer to 29 CFR 1910.133 for eye and face protection regulations.
Skin and Body Protection	Wear protective gloves. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
Respiratory Protection	Wear approved mask. Refer to 29 CFR 1910.134 for respiratory protection requirements.
General Hygiene Considerations	Avoid all unnecessary exposure. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Light brown liquid	**Odor**	Vinegar
Color	Light brown	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	100 °C / 212 °F	
Flash point	162.8 °C / 325 °F	

Property	**Values**	**Remarks • Method**
Evaporation rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor Pressure	Not determined	
Relative vapor density	No data available	
Relative Density	1.01	
Water Solubility	Soluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	No data available	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid
Extremely high or low temperatures.

Incompatible materials
Strong bases. Strong acids.

Hazardous decomposition products
Carbon monoxide. Carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Not determined.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary component 2	= 3310 mg/kg (Rat)	= 1060 mg/kg (Rabbit)	= 11.4 mg/L (Rat) 4 h
Proprietary component 4	> 5000 mg/kg (Rat)	-	-
Proprietary component 5	= 1370 mg/kg (Rat)	= 1200 mg/kg (Rabbit)	-
Garlic oil 8000-78-0	= 1360 mg/kg (Rat)	-	-
Vanillin 121-33-5	= 1580 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	-
Proprietary component 7	> 4000 mg/kg (Rat)	> 3000 mg/kg (Rat)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Proprietary component 2		LC50: =79mg/L (96h, Pimephales promelas) LC50: =75mg/L (96h, Lepomis macrochirus)	EC50: =65mg/L (48h, Daphnia magna)
Proprietary component 4	EC50: >100mg/L (72h, Desmodesmus subspicatus) EC50: =13.3mg/L (96h, Desmodesmus subspicatus)	LC50: >10000mg/L (96h, Brachydanio rerio)	EC50: >100mg/L (48h, Daphnia magna)
Ascophyllum nodosum, ext. 84775-78-0		LC50: >100mg/L (96h, Danio rerio)	
Vanillin 121-33-5		LC50: 53 - 61.3mg/L (96h, Pimephales promelas) LC50: =88mg/L (96h, Pimephales promelas) LC50: =57mg/L (96h, Pimephales promelas)	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Proprietary component 2	-0.17
Vanillin 121-33-5	1.23

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Disposal methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status

Proprietary component 2	Toxic Corrosive Ignitable

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Proprietary component 1	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 2	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 4	X		X	X		X	X	X	X
Proprietary component 5	X	ACTIVE	X			X	X	X	X
Ascophyllum nodosum, ext.			X	X					X
Meat meal	X		X				X		
Garlic oil	X	ACTIVE	X			X	X	X	X
Proprietary component 6	X	ACTIVE	X			X	X	X	X
Vanillin	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 7	X	ACTIVE	X	X	X	X		X	X

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing Chemicals Inventory*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Proprietary component 2	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Proprietary component 2	5000 lb			X

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Proprietary component 2	X	X	X
Proprietary component 1	X	X	X

EPA Statement
This product is exempt from registration under FIFRA section 25(b)

16. OTHER INFORMATION

NFPA	**Health hazards**	**Flammability**	**Instability**	**Special hazards**
	-	-	-	-
HMIS	**Health hazards**	**Flammability**	**Physical hazards**	**Personal Protection**
	-	-	-	Not determined

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Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet