

SAFETY DATA SHEET

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NGHS / English



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1. IDENTIFICATION

Product identifier

Product Name Terro® No Mess Larvacide Pouches

Other means of identification

Product SKU T1210

Size 3.5 oz

Recommended use of the chemical and restrictions on use

Recommended Use Biological Mosquito Larvacide, Pest, Non-Aerosol

Restrictions on use It is a violation of Federal law to use this product in a manner inconsistent with its FIFRA pesticide labeling.

Details of the supplier of the safety data sheet

Supplier Identification Senoret Chemical Company, Inc.

Address 69 North Locust St.
Lititz
Pennsylvania
17543
United States

Telephone Phone:(800) 800-1819
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Emergency telephone number (800) 424-9300

Company Emergency Phone Number (717) 626-2125

Regulatory License EPA Registration Number 149-23



2. HAZARDS IDENTIFICATION

Classification

Not classified

Appearance Yellow/Brown granule**Physical state** Solid**Odor** None discernable

GHS Label elements, including precautionary statements

Warning

Hazard statements

None

Precautionary Statements - Prevention

Wash hands and face thoroughly after handling.

Precautionary Statements - Response

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/ attention.

Precautionary Statements – Storage/Disposal

Storage - Store in original unopened package until ready to use. Protect from extreme temperatures.**Disposal** - Dispose of contents/container in accordance with local/regional/national/international regulations.

Other information

None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS No.	Weight-%	Classification
<i>Bacillus sphaericus</i> 2362, strain ABTS-1743	None	2.7%	Irritating to Eyes – Cat 2A Skin Sensitizer – Cat 1A
<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> , strain AM65-52	None	4.5%	Irritating to Eyes – Cat 2B Skin Sensitizer – Cat 1B

All concentrations are in percent by weight.

4. FIRST AID MEASURES

First aid measures

General advice

In all cases of doubt, seek medical attention.

Inhalation

Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. If person is not breathing, call 911, then give artificial respiration.



Eye contact	Remove from source of exposure. Flush with copious amounts of water. Remove contact lenses, if present and easy to do, after the first 5 minutes, then continue rinsing. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary.
Skin contact	Remove from source of exposure. Take off contaminated clothing. Flush with copious amounts of water. If irritation occurs or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Ingestion	Remove from source of exposure. Move person to fresh air. Do NOT induce vomiting. If signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Acute Symptoms	Possible eye irritation and skin sensitization
Delayed Symptoms	No information on significant adverse effects

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically and supportively
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, water spray, foam or carbon dioxide. Use appropriate medium for the underlying cause of the fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Thermal decomposition products - Carbon oxides, nitrogen oxides
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Special protective equipment for fire-fighters	Fire fighter should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling combustion products. See Section 8 (Exposure Controls / Personal Protection)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear a dust/mist filtering respirator, eye protection and gloves.
Other Information	See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations. See Section 13 for Disposal Considerations. US Regulations may require reporting spills of hazardous materials: See Section 15: REGULATORY INFORMATION for details on reportable quantities, if any.

Methods and material for containment and cleaning up

Methods for containment/cleaning up Wear appropriate personal protective equipment. Sweep up material and place in appropriate container for disposal. Avoid generating dust. Do not flush to sewer.

Environmental Precautions Dispose of excess product and washwaters according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Do not eat, drink or smoke while working with product, obey reasonable safety precautions and practice good housekeeping.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Component Exposure Limits**

None

Derived No Effect Levels (DNELs)

No DNELs available

Predicted No Effect Concentrations (PNECs)

No PNECs available

Individual protection measures, such as personal protective equipment

Exposure Controls Provide general ventilation.

Eye/face protection Wear goggles, safety glasses with side shields or full-face shield when splashing or spraying of materials is likely.

Skin and body protection Wear protective clothing, including boots and gloves. Wash thoroughly with soap and water after handling.

Respiratory protection Use dust/mist filtering respirator (MSHA/NIOSH approved number prefix TC-21C or a NIOSH approved respirator with any N, P, R or HE filter).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Solid
Appearance	Granule
Odor	None discernible
Color	Yellow or Brown
Odor Threshold	No information available



<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	~ 5	1% dispersion in water
Melting / freezing point	Not applicable	
Boiling point / boiling range	No data available	
Flash Point	No data available	
Evaporation Rate	No data available	
Flammability (solid, gas)	Non-flammable	
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	Not applicable	
Vapor density	No data available	
Relative density	No data available	
Water Solubility	No data available	
Partition coefficient: n-octanol/water	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
<u>Other Information</u>		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	0	
Liquid Density	No information available	
Bulk Density	32 (+/-) 3 lbs/ cu ft.	
Particle Size	No information available	
Particle Size Distribution	No information available	

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known
Incompatible materials	None known
Hazardous Decomposition Products	Carbon oxides and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information



Inhalation	Not expected
Eye contact	Causes eye irritation.
Skin contact	Causes skin irritation.
Ingestion	Not expected

Information on toxicological effects**ACUTE EFFECTS Product Toxicology Studies**

ORAL TOXICITY: LD50 > 5,000 mg/kg (rat)
 DERMAL TOXICITY: LD50 > 2,000 mg/kg (rabbit)
 INHALATION TOXICITY: LC50 > 2.84 mg/L air (rat)
 CORROSIVENESS: Not corrosive.
 DERMAL IRRITATION: Not-irritating, (Category IV)
 OCULAR IRRITATION: Mildly-irritating, (Category IV)
 DERMAL SENSITIZATION: Not a sensitizer (guinea pig)

MUTAGENICITY INFORMATION: Components of this product are not listed as mutagens.

CARCINOGENICITY INFORMATION: Components of this product are not listed as carcinogenic by NTP, IARC or OSHA.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY: This material is not pathogenic

SPECIAL TARGET ORGAN EFFECTS: Eye and mucus membrane Irritation.

ASPIRATION HAZARD: Not Applicable

REPEAT DOSE STUDIES: Not Applicable, Pathogenicity Toxicity testing was all negative

12. ECOLOGICAL INFORMATION

Ecotoxicity**Acquatic****(Data for a Concentrated Bti Technical Powder)**

Bird LC50 >3077 mg /kg (6.2 x 10¹¹ cfu/kg) (Acute Oral - Bobwhite Quail)
 LC50 >3077 mg /kg (6.2 x 10¹¹ cfu/kg) each day for 5 days (Sub-Acute Oral (dietary) - Bobwhite Quail)
 Fish: LC50 >300 mg/L (96-H, Rainbow Trout)

Acquatic**(Data for a Concentrated Bsp Technical Powder)**

Bird LC50 >9000 mg /kg (Acute Oral – Mallard)
 Fish LC50 >15.5 mg/L (96-H, Rainbow Trout)
 Invertebrates EC50 >15.5 mg/L (48-H) (Daphnia)

Bioaccumulation

No data available.

Mobility

No data available.

Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products

Dispose of product in accordance with federal, state, provincial, and local regulations. Prevent contamination of environment by wastes.

US EPA WASTE NUMBER & DESCRIPTIONS:

There is no applicable EPA waste number. This product, if discarded, is not expected to be a characteristic or listed hazardous waste.

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name NOT REGULATED
Hazard Class NOT REGULATED
 N/A

IATA
Proper Shipping Name NOT REGULATED
Hazard Class NOT REGULATED
 N/A

IMDG/IMO
Proper Shipping Name NOT REGULATED
Hazard Class NOT REGULATED
 N/A

15. REGULATORY INFORMATION

TSCA STATUS: Exempt

CERCLA STATUS: Not regulated as hazardous

SARA STATUS: Acute: No Chronic: No Fire: No CDT: No

RCRA STATUS: Not regulated as hazardous

State Right-To-Know: Not Listed

Consult applicable national, state provincial or local laws to determine regulations, laws or ordinances which may be applicable.

OSHA HAZARD COMMUNICATION STANDARD: Not defined by the OSHA Hazard Communication Standard, 29 CFR

California Proposition 65

This product contains no listed chemicals.

EPA Reg. No. 149-23

EPA Pesticide Label signal word CAUTION

Product must have EPA Approved Pesticide Label attached to or accompanying all containers.

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 and limitations for its use.

FIRST AID

If in eyes:	<ul style="list-style-type: none"> - Hold eye open and rinse slowly and gently with water for 15-20 minutes. - Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> - Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals**

CAUTION: Causes moderate eye irritation. Harmful if absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry place. Do not store where children or animals may gain access.

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Non-refillable Container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	1	Flammability	0	Instability	0
<u>HMIS</u>	Health hazards	1	Flammability	1	Physical hazards	0

Prepared By Product Stewardship
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Disclaimer

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End of Safety Data Sheet