



SAFETY DATA SHEET

SDS NUMBER: 677023-16-LPI

SDS REVISIONS: SEC. 1

DATE OF ISSUE: 12/12/16

LEAF LIFE® SLUGGO®

SUPERSEDES: 02/02/15

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- 1.1 PRODUCT IDENTIFIER:** EPA REG. NO.: 67702-3-34704
TRADE NAME: LEAF LIFE® SLUGGO® SNAIL AND SLUG BAIT
- 1.2 RECOMMENDED USE:** MOLLUSCICIDE FOR CONTROL OF SNAILS AND SLUGS
- 1.3 SUPPLIER DETAILS:**
LOVELAND PRODUCTS, INC.
P.O. Box 1286 • Greeley, CO 80632-1286
- 1.4 24 Hour Emergency Phone:** 1-800-424-9300 - **Medical Emergencies:** 1-866-944-8565 – **Product Information:** 1-888-574-2878 (LPI-CUST)
U.S. Coast Guard National Response Center: 1-800-424-8802

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to 29 CFR 1910.1200
Not classified

2.2 Label elements

Signal word: NONE
Hazard Statement: This mixture does not meet the criteria for classification.

Precautionary Statement: Observe good industrial hygiene practices.
(Prevention):
Precautionary Statement: Wash hands after handling.
(Response):
Precautionary Statement: Store away from incompatible materials.
(Storage):
(Disposal): Dispose of wastes and residues in accordance with local authority requirements.

2.3 Other hazards

None known



SAFETY DATA SHEET

SDS NUMBER: 677023-16-LPI

SDS REVISIONS: SEC. 1

DATE OF ISSUE: 12/12/16

LEAF LIFE® SLUGGO®

SUPERSEDES: 02/02/15

3. COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

This material has no classification according to 29 CFR 1910.1200

Chemical Name:	CAS No.	Concentration [%]
Iron Phosphate	10045-86-0	1.00
*Other ingredients		99.00

*Ingredients not specifically listed are non-hazardous or are to be considered proprietary or confidential business information per 29 CFR 1910.1200(i)

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General Advice: Get medical attention if symptoms occur.

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.

4.2 Most Important Symptoms and Effects, Acute and Delayed

Symptoms: Eyes: Causes moderate irritation.

4.3 Immediate Medical Attention and Special Treatment

Treatment: Treat symptomatically. Symptoms may be delayed.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565

Take container, label or product name with you when seeking medical attention.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

Suitable Extinguishing Media: Use medium appropriate to surrounding fire. Dry chemical, carbon dioxide (CO₂), alcohol foam, foam, water spray or fog.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Specific Hazards During Firefighting: Oxides of carbon and other unknown materials may be formed in a fire situation.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Special Protective Equipment for Firefighters: Self-contained breathing apparatus and full protective gear should be worn in fighting large fires involving chemicals. Use water spray to keep fire exposed containers cool. Keep people away. Isolate fire and deny unnecessary entry.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions: Avoid inhalation of vapors and spray mist and contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.

6.2 ENVIRONMENTAL PRECAUTIONS

Environmental Precautions: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.



SAFETY DATA SHEET

SDS NUMBER: 677023-16-LPI

SDS REVISIONS: SEC. 1

DATE OF ISSUE: 12/12/16

LEAF LIFE® SLUGGO®

SUPERSEDES: 02/02/15

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP

Methods for Clean-Up:

Sweep up solid spills immediately and transfer to suitable containers for possible land application according to label use or for disposal. Check local, state and federal regulations for proper disposal. Never return spills to original containers for re-use.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Advice on Safe Handling:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

7.2 CONDITIONS FOR SAFE STORAGE:

Requirements for Storage Areas and Containers:

Store in original container only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with vermiculite, earth, or synthetic absorbent. Combustible. Do not store near heat or open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

OCCUPATIONAL EXPOSURE LIMITS

U.S. Workplace Exposure Level (ACGIH) TLVs

Components	Type	Value
No data available.		

U.S. Workplace Exposure Level (OSHA) PELs

Components	Type	Value
No data available.		

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Specimen
No listings		

8.2 EXPOSURE CONTROLS:

Engineering Measures

Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors and spray mists. Provide eyewash station and safety shower.

Individual Protection Measures:

Eye / Face Protection: Goggles or shielded safety glasses are recommended.

Skin Protection: Long-sleeved shirt and long pants. Suitable protective gloves. Shoes plus socks.

Respiratory Protection: In case of inadequate ventilation or risk of inhalation of mists or vapors, use suitable respiratory equipment approved by MSHA/NIOSH. Wear respiratory protection during operations where spraying or misting occurs. If respirators are used, a program should be in place to assure compliance with 29 CFR 1910.134, the OSHA Respiratory Protection standard. Wear air supplied respiratory protection if exposure concentrations are unknown.



SAFETY DATA SHEET

SDS NUMBER: 677023-16-LPI

SDS REVISIONS: SEC. 1

DATE OF ISSUE: 12/12/16

LEAF LIFE® SLUGGO®

SUPERSEDES: 02/02/15

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE :	Pellet
ODOR:	Wheat flour odor.
ODOR THRESHOLD:	No data available.
COLOR:	Light tan.
pH:	Not applicable.
MELTING POINT / FREEZING POINT:	Not applicable.
BOILING POINT:	Not applicable.
FLASH POINT:	Not applicable.
FLAMMABILITY (solid, gas):	Not applicable.
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No data available.
VAPOR PRESSURE:	Not applicable.
SOLUBILITY:	Insoluble.
PARTITION CO-EFFICIENT, n-OCTANOL / WATER:	No data available.
AUTO-IGNITION TEMPERATURE:	No data available.
DECOMPOSITION TEMPERATURE:	No data available.
VISCOSITY: (kinematic):	No data available
SPECIFIC GRAVITY (Water = 1):	0.79 g/ml
BULK DENSITY:	49.3 lbs./ft ³ / 789.7 kg/m ³

Note: These physical data are typical values based on material tested but may vary from sample to sample.
Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

- 10.1 REACTIVITY
Stable
- 10.2 CHEMICAL STABILITY
Stable under normal temperature conditions
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS
No data available. Will not polymerize.
- 10.4 CONDITIONS TO AVOID
Avoid excessive heat.
- 10.5 INCOMPATIBLE MATERIALS
Strong acids. Strong bases.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS
Oxides of nitrogen and oxides of carbon.

11. TOXICOLOGICAL INFORMATION

- 11.3 LIKELY ROUTES OF EXPOSURE
Eye contact.
LC₅₀ (male rat): Not applicable.
LD₅₀ Oral (rat): >5,000 mg/kg
LD₅₀ Dermal (rat): > 5,000 mg/kg
Acute Toxicity Estimates: No data available.
Skin Irritation (rabbit): No data available.
Eye Irritation (rabbit): Moderate irritant.
Specific Target Organ Toxicity: No data available.
Aspiration: No data available
Skin Sensitization (guinea pig): Not a sensitizer
Carcinogenicity: No data available.
Germ Cell Mutagenicity: No data available
Interactive Effects: None known



SAFETY DATA SHEET

SDS NUMBER: 677023-16-LPI

SDS REVISIONS: SEC. 1

DATE OF ISSUE: 12/12/16

LEAF LIFE® SLUGGO®

SUPERSEDES: 02/02/15

12 ECOLOGICAL INFORMATION

12.3 ECOTOXICITY

The product is a molluscicide.

Ecotoxicological Data

	Species	Test Results
No data available		

Drift or runoff may adversely affect non-target plants.
Do not apply directly to water.
Do not contaminate water when disposing of equipment wash water.
Do not apply when weather conditions favor drift from target area.

12.2 PERSISTENCE AND DEGRADABILITY

Biodegradability: No data available

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: No data available

12.4 MOBILITY IN SOIL

No data available.

12.5 OTHER ADVERSE EFFECTS

Assessment: No data available.

13 DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.
CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Completely empty metal drum, plastic bag, box, or plastic tote into application equipment. Then dispose of empty metal drum, plastic bag, box or plastic tote in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Do not contaminate water, food or feed by storage or disposal.

14 TRANSPORT INFORMATION

14.3 LAND TRANSPORT

DOT Shipping Description: NOT REGULATED BY DOT

U.S. Surface Freight Classification: INSECTICIDES, INSECT REPELLENTS, NOI, OTHER THAN POISON (NMFC 102120; CLASS: 60)

15 REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS

NFPA & HMIS Hazard Ratings:

NFPA

1	Health	0	Least
0	Flammability	1	Slight
0	Instability	2	Moderate
		3	High
		4	Severe

HMIS

1	Health
0	Flammability
0	Reactivity
B	PPE

SARA Hazard Notification/Reporting

SARA Title III Hazard Category:	Immediate	<u>Y</u>	Fire	<u>N</u>	Sudden Release of Pressure	<u>N</u>
	Delayed	<u>N</u>	Reactive	<u>N</u>		



SAFETY DATA SHEET

SDS NUMBER: 677023-16-LPI

SDS REVISIONS: SEC. 1

DATE OF ISSUE: 12/12/16

LEAF LIFE® SLUGGO®

SUPERSEDES: 02/02/15

Reportable Quantity (RQ) under U.S. CERCLA: Not listed.

SARA, Title III, Section 313: Not listed.

RCRA Waste Code: Not listed.

CA Proposition 65: Not listed.

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. Following is the hazard information as required on the pesticide label:

CAUTION

Causes moderate eye irritation.

Avoid contact with eyes or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

16 OTHER INFORMATION

SDS STATUS: Section 1 revised.

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental Health and Safety

EPA REG. NO.: 67702-3-34704

®Leaf Life is a registered trademark of Loveland Products, Inc.

®Sluggo is a registered trademark of W. Neudorff GmbH KG



Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and LOVELAND PRODUCTS, INC. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.