

Lava-Lor Granular Bait

Safety Data Sheet Date of issue: 09/05/2017

Revision date: 03/09/2020

Supersedes: 11/17/2017

Version: 1.1

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Trade name	: Lava-Lor Granular Bait
Synonyms	: EPA Reg. No.: 89459-94, 100531807, 100543151
1.2. Recommended use and restrictions of	on use
Recommended use	: Insecticide.
Restrictions on use	: Keep out of reach of children. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Do not use or store near heat or open flame.
1.3. Supplier	
Central Garden & Pet Company	
1501 E. Woodfield Road, Suite 200W	
Schaumburg, IL 60173 - United States	
www.zoecon.com	
1.4. Emergency telephone number	
Emergency number	 1-800-248-7763 1-800-424-9300 - CHEMTREC 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or mi	xture
GHS US classification	
Reproductive toxicity Category 1B	May damage fertility or the unborn child
Specific target organ toxicity (repeated exposure)	Causes damage to organs through prolonged or repeated exposure
Category 1 Combustible Dust	May form combustible dust concentrations in air
2.2. GHS Label elements, including preca	utionary statements
GHS US labeling	
Hazard pictograms (GHS US)	: GHS08
Signal word (GHS US)	: Danger
Hazard statements (GHS US)	: May form combustible dust concentrations in air May damage fertility or the unborn child
Precautionary statements (GHS US)	Causes damage to organs through prolonged or repeated exposure : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. Store locked up. Dispose of contents/container to in accordance with local/regional/national/international regulations.
2.3. Other hazards which do not result in	classification
	: This pesticide is highly toxic to birds and aquatic invertebrates. Under United States
classification	Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered

Safety Data Sheet

hazardous.

2.4. Unknown acute toxicity (GHS US)

Not applicable

3.1. Substances

Not applicable

3.2. Mixtures		
Name	Product identifier	%
Imidacloprid	(CAS-No.) 138261-41-3	0.5
Hydramethylnon	(CAS-No.) 67485-29-4	1
Animal Feed	(CAS-No.) N/A	85 – 95
Non-hazardous and/or does not meet criteria for classification	(CAS-No.) N/A	Balance

SECTION 4: First-aid measures 4.1. Description of first aid measures First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. First-aid measures after eye contact : 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 and attention. First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	:	May cause damage to organs (testes) through prolonged or repeated exposure. May damage
		fertility or the unborn child.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measure	es
5.1. Suitable (and unsuitable) extingu	uishing media
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Avoid heavy hose streams.
5.2. Specific hazards arising from the	e chemical
Fire hazard	: May ignite spontaneously if exposed to air.
Explosion hazard	: Avoid raising powdered material due to explosion hazard.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
5.3. Special protective equipment an	d precautions for fire-fighters
Firefighting instructions	 Combustible dust - use low-pressure medium fog streams to avoid dust clouds. Ventilate closed spaces before entering. Eliminate ignition sources.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release m	
	leasures
6.1. Personal precautions, protective	leasures
6.1.Personal precautions, protective6.1.1.For non-emergency personnel	equipment and emergency procedures
6.1. Personal precautions, protective6.1.1. For non-emergency personnelEmergency procedures	equipment and emergency procedures

Safety Data Sheet

6.2. Environmental precautio	ns
Avoid release to the environment.	
6.3. Methods and material for	containment and cleaning up
Methods for cleaning up	: Use appropriate PPE. Sweep or scoop spills, dispose of any unusable material in approved landfill.
SECTION 7: Handling and s	torage
7.1. Precautions for safe han	lling
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe stora	ge, including any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool. Avoid humid, wet or moist conditions.
Incompatible materials	: Heat, sparks, open flame. Strong acids. Strong bases. Strong oxidizers.

No additional information available

8.2. Appropriate engineering controls	
Appropriate engineering controls	: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves. Gloves

Eye protection:

Safety glasses. Safety glasses

Skin and body protection:

It is recommended for handlers to wear appropriate clothing to prevent skin contact including long sleeves, long pants, socks and shoes.

Respiratory protection:

In case of insufficient ventilation, use NIOSH approved respiratory protection.



SECTION 9: Physical and	chemical properties
9.1. Information on basic	physical and chemical properties
Physical state	: Solid
Appearance	: Olive green granular mix
Color	: Olive green
Odor	: Moderate Neutral Sweet
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available

Safety Data Sheet

Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: Not applicable
Bulk density	: 0.6 g/cm ³ (approx. 37 lb/ft3)
Solubility	: Insoluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable
Explosive properties	: Not explosive
Oxidizing properties	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid dust formation. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Heat, sparks, open flame. Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Lava-Lor Granular Bait	
LD50 oral rat	> 5000 mg/kg (female rats)
LD50 dermal rat	> 5000 mg/kg

GHS-US Properties	Classification
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	May damage fertility or the unborn child.
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Causes damage to organs through prolonged or repeated exposure.

Safety Data Sheet

Aspiration hazard Not classified

Potential health effects

Potential fiealth effects	
Inhalation	
Acute	: Exposure to dust may cause mild respiratory irritation.
Skin	
Acute	: May cause mild skin irritation.
Eye	
Acute	: May cause mild eye irritation.
Ingestion	
Acute	: Under normal conditions of use, no health effects are expected.
Chronic	: Repeated and prolonged exposure to Hydramethylnon may affect organs: testes.
Mutagenicity	: Imidacloprid has been tested and found negative for mutagenicity potential. Hydramethylnon is not a mutagen.
Carcinogenicity	: Imidacloprid did not cause cancer in laboratory animal studies. Hydramethylnon is not classified as a carcinogen by IARC or NTP.
Reproductive Effects	 Imidacloprid did not cause birth defects or adverse effects on reproduction in laboratory animal studies. Hydramethylnon may cause adverse effects on reproduction. Hydramethylnon does not cause birth defects.

SECTION 12: Ecological information

12.1. Toxicity

Imidacloprid (138261-41-3)			
LC50 Acute fish 1 211 mg/l (Exposure time: 96h - Rainbow trout)			
LC50 Acute fish 3	237 mg/l (Exposure time: 96h - Leuciscus idus)		
C50 Daphnia 1 85 mg/l (Exposure time: 48h - Daphnia magna)			
Hydramethylnon (67485-29-4)			
LC50 Acute fish 1	e fish 1 0.09 mg/l Exposure time: 96h Oncorhynchus mykiss		
EC50 Acute crustacea 1	0.0544 mg/l Exposure time: 48h Mysid shrimp		
NOEC Chronic crustacea 1	> 0.000088 mg/l Exposure time: 21d Daphnia magna		
NOEC (acute)	0.01112 mg/l Exposure time: 72h Green algae		

Persistence and degradability 12.2.

No additional information available

12.3. **Bioaccumulative potential**

No additional information available

12.4. Mobility in soil

No additional information available

12.5.	Other adverse effects	
Lava-l	Lor Granular Bait	
Ecolog	jical Fate	This pesticide is highly toxic to birds and aquatic invertebrates.

SECT	ION 13: Disposal considerations		
OLOT			
13.1.	Disposal methods		

Product/Packaging disposal recommendations

: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information					
	UN number	Proper Shipping Name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
IMDG	UN3077	Packaging greater than 5 kg: Environmentally hazardous substance, solid, n.o.s (Hydramethylnon)	9	111	Marine pollutant
03/09/2020		EN (English US)	-		5/6

Safety Data Sheet

ΙΑΤΑ	UN3077	Packaging greater than 5 kg: Environmentally hazardous substance, solid, n.o.s (Hydramethylnon)	9	111	Acute aquatic toxicity
------	--------	---	---	-----	------------------------

	SECTION 15: R	equlatory in	formation
--	---------------	--------------	-----------

15.1. US Federal regulations

Hydramethylnon (67485-29-4)		
Subject to reporting requirements of United State	s SARA Section 313	
SARA Section 313 - Emission Reporting 1 %		
FIFRA Labelling		
EPA Registration Number	89459-94	
requirements under federal pesticide law. These	y the United States Environmental Protection Agency and is subject to certain labeling requirements differ from the classification criteria and hazard information required for safety on-pesticide chemicals. The hazard information required on the pesticide label is reproduced aportant information, including directions for use.	
FIFRA Signal word	Caution	
FIFRA Precautionary Statement	KEEP OUT OF REACH OF CHILDREN.	
FIFRA Hazards to Humans and Domestic Animals	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.	
FIFRA First Aid	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. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
FIFRA Environmental Hazards	This pesticide is highly toxic to birds and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.	

15.2. US State regulations

No additional information available

SECTION 16: Other information

Date of issue Revision date Supersedes

- : 05 September 2017
- : 09 March 2020
- : 17 November 2017

Indication of changes: Revised Sec. 1: Revised material number(s).

SDS US (GHS HazCom 2012) - CGP

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.