

**LESCO ACELEPRYN 0.067% INSECTICIDE PLUS FERTILIZER**

Date: 3/26/2015

Replaces: 2/1/2014

**1. PRODUCT IDENTIFICATION**Product identifier on label: LESCO **Acelepryn 0.067% INSECTICIDE PLUS FERTILIZER**

Product No.: A20612A

Use: Insecticide

Manufacturer: LESCO, Inc.  
1385 East 36th Street  
Cleveland, OH 44114-4114

Manufacturer Phone: 1-800-347-4272

**Emergency Phone: 1-800-888-8372****2. HAZARDS IDENTIFICATION**

Classifications: Specific Target Organ Toxicity: Repeated Category 2  
Specific Target Organ Toxicity: Respiratory Irritation Category 3  
Eye Damage/Irritation: Category 2B

Signal Word (OSHA): Warning

Hazard Statements: Causes eye irritation  
May cause respiratory irritation  
May cause damage to central nervous system, eye, gastrointestinal tract, respiratory tract, skin through prolonged or repeated exposure.

Hazard Symbols:



Precautionary Statements: Do not breathe dust.  
Wash hands and face thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a poison center, doctor or Syngenta if you feel unwell.  
If eye irritation persists: Get medical advice.  
Store locked up.  
Dispose of contents and container in accordance with local regulations.

Other Hazard Statements: This product is for experimental uses only. The product has not been completely analyzed and all of the hazards may not be known. Please use caution while handling this product.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	CAS Number	Concentration
Urea	Urea	57-13-6	Trade Secret
Potassium Sulfate	Potassium Sulfate	7778-80-5	Trade Secret
Calcium Carbonate	Calcium Carbonate	471-34-1	Trade Secret
Other inert ingredients	Other inert ingredients	Not Applicable	Trade Secret
Iron Oxide	Iron Oxide	1309-37-1	Trade Secret
Ferrous Sulfate	Ferrous Sulfate	7720-78-7	Trade Secret
Manganese Tetroxide	Manganese Tetroxide	39409-82-0	Trade Secret
3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide	Chlorantraniliprole	500008-45-7	0.067%

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

### 4. FIRST AID MEASURES

Have the product container, label or Safety Data Sheet with you when calling LESCO (800-321-5325), a poison control center or doctor, or going for treatment.

- Ingestion:** If swallowed: Call LESCO (800-321-5325), a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so after calling 800-888-8372 or by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
- Eye Contact:** If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call Syngenta (800-888-8372), a poison control center or doctor for treatment advice.
- Skin Contact:** If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call LESCO (800-321-5325), a poison control center or doctor for treatment advice.
- Inhalation:** If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call LESCO (800-321-5325), a poison control center or doctor for further treatment advice.

Most important symptoms/effects:

Not Available

Indication of immediate medical attention and special treatment needed:

There is no specific antidote if this product is ingested.  
 Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

- Suitable (and unsuitable) extinguishing media:  
 Use dry chemical, foam or CO2 extinguishing media.
- Specific Hazards:  
 None known.

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Special protective equipment and precautions for firefighters:

Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Follow exposure controls/personal protection outlined in Section 8.

Methods and materials for containment and cleaning up:

Avoid dust formation.

Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Sweep up material and place in a compatible disposal container. Scrub area with hard water detergent (e.g. commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

### 7. HANDLING AND STORAGE

Precautions for safe handling:

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Conditions for safe storage, including any incompatibilities:

Not Applicable

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THIS PRODUCT.**

**FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.**

Occupational Exposure Limits:

Chemical Name	OSHA PEL	ACGIH TLV	Other	Source
Urea	Not Established	10 mg/m <sup>3</sup> TWA	Not Established	AIHA
Potassium Sulfate	Not Established	Not Established	10 mg/m <sup>3</sup> , 8 Hr. TWA	Manufacturer
Calcium Carbonate	15 mg/m <sup>3</sup> , total dust, 8 Hr. TWA, 5 mg/m <sup>3</sup> , respirable dust, 8 Hr. TWA	10 mg/m <sup>3</sup> , total dust, 8 Hr. TWA	Not Established	Manufacturer
Other inert ingredients	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Iron Oxide	10 mg/m <sup>3</sup> , as total particulate- 8 Hr. TWA	5 mg/m <sup>3</sup> , respirable dust, 8 Hr. TWA, A4	Not Established	Manufacturer
Ferrous Sulfate	Not Established	1 mg/m <sup>3</sup> , iron salts, soluble, as Fe, 8 Hr. TWA	Not Established	Manufacturer

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Manganese Tetroxide	Not Established	1 mg/m <sup>3</sup> , fume, as Mn, 8 Hr. TWA, STEL 3 mg/m <sup>3</sup> , fume, as Mn. Notice of intended changes (2010)	Not Established	Manufacturer
Chlorantraniliprole	Not Established	Not Established	10 mg/m <sup>3</sup> TWA (Total); 5 mg/m <sup>3</sup> TWA (Resp)	Syngenta

Appropriate engineering controls:

Use effective engineering controls to comply with occupational exposure limits (if applicable).

Individual protection measures:

**Ingestion:**

Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

**Eye Contact:**

Where eye contact is likely, use dust-proof chemical goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Skin Contact:**

Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear.

**Inhalation:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. A NIOSH-certified combination air-purifying respirator with an N, P or R 95 or HE class filter and an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a pressure demand atmosphere-supplying respirator if there is any potential for uncontrolled release, exposure levels are not known, or under any other circumstances where air-purifying respirators may not provide adequate protection.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid  
 Odor: Not Available  
 Odor Threshold: Not Available  
 pH: Not Available  
 Melting point/freezing point: Not Available  
 Initial boiling point and boiling range: Not Available  
 Flash Point (Test Method): Not Available  
 Flammable Limits (% in Air): Not Available  
 Flammability: Not Available  
 Vapor Pressure: Chlorantraniliprole Not Available  
 Vapor Density: Not Available  
 Relative Density: Not Available  
 Solubility (ies): Chlorantraniliprole 1.023 mg/l @ 68°F (20°C)  
 Partition coefficient: n-octanol/water:

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Autoignition Temperature: Not Available  
Decomposition Temperature: Not Available  
Viscosity: Not Available  
Other: None

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### 10. STABILITY AND REACTIVITY

Reactivity: Not Applicable  
Chemical stability: Stable under normal use and storage conditions.  
Possibility of hazardous reactions: Will not occur.  
Conditions to Avoid: Not Available  
Incompatible materials: Not Available  
Hazardous Decomposition Products: Not Available

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### 11. TOXICOLOGICAL INFORMATION

#### Health effects information

Likely routes of exposure: Dermal, Inhalation

Symptoms of exposure: Not Available

Delayed, immediate and chronic effects of exposure: Not Available

#### Numerical measures of toxicity (acute toxicity/irritation studies (finished product))

Ingestion:	Oral (LD50 Rat) :	Not Available
Dermal:	Dermal (LD50 Rat) :	Not Available
Inhalation:	Inhalation (LC50 Rat) :	Not Available
Eye Contact:	Not Available	
Skin Contact:	Not Available	
Skin Sensitization:	Not Available	

#### Reproductive/Developmental Effects

Chlorantraniliprole: Animal testing indicates this material did not have neurological, developmental or reproductive effects. Tests have shown that this material did not cause genetic damage in bacterial or mammalian cell cultures or in animals.

#### Chronic/Subchronic Toxicity Studies

Chlorantraniliprole: There were no adverse effects in subchronic feeding studies in rats and dogs. There was a decreased body weight gain at high doses in a 28-day feeding study in mice.

#### Carcinogenicity

Chlorantraniliprole: No animal data are available to define the carcinogenic hazards of this material.

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Chemical Name	NTP/IARC/OSHA Carcinogen
Urea	No
Potassium Sulfate	No
Calcium Carbonate	No
Other inert ingredients	No
Iron Oxide	No
Ferrous Sulfate	No
Manganese Tetroxide	No
3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide	No

Other Toxicity Information

Not Available

Toxicity of Other Components

Calcium Carbonate

May irritate eyes and respiratory tract.

Ferrous Sulfate

May cause irritation to skin and respiratory tract.

Iron Oxide

May cause lung damage (pneumoconiosis).

Manganese Tetroxide

May cause nervous system impairment.

Other inert ingredients

Not Applicable

Potassium Sulfate

May cause skin, eye and respiratory irritation.

Urea

Irritant to eyes, skin and respiratory tract. Ingestion results in nausea, vomiting, diarrhea, and gastrointestinal tract irritation.

Target Organs

Active Ingredients

Chlorantraniliprole: Not Applicable

Inert Ingredients

Calcium Carbonate: Eyes, respiratory tract

Ferrous Sulfate: Skin, respiratory tract

Iron Oxide: Lung

Manganese Tetroxide: Central nervous system

Other inert ingredients: Not Applicable

Potassium Sulfate: Skin, eye, lung

Urea: Eye, skin, respiratory tract, gastrointestinal tract

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### 12. ECOLOGICAL INFORMATION

#### Eco-Acute Toxicity

##### Chlorantraniliprole:

Fish (Rainbow Trout) 96-hour LC50 12.6 mg/l

Invertebrate (Water Flea) Daphnia Magna 48-hour EC50 0.0204 mg/l

Green Algae 72-hour ErC50 > 13 mg/l

#### Environmental Fate

##### Chlorantraniliprole:

The following information is for the active ingredient, chlorantraniliprole.

According to the results of tests of biodegradability this product is not readily biodegradable.

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### 13. DISPOSAL CONSIDERATIONS

#### Disposal:

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

Characteristic Waste: Not Applicable

Listed Waste: Not Applicable

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### 14. TRANSPORT INFORMATION

#### DOT Classification

Ground Transport - NAFTA

Not regulated

#### Comments

Water Transport - International

Not regulated

Air Transport

Not regulated

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### 15. REGULATORY INFORMATION

#### Pesticide Registration:

Not applicable

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 or using tobacco.

#### EPA Registration Number(s):

100-1492-10404

#### EPCRA SARA Title III Classification:

Section 311/312 Hazard Classes: Acute Health Hazard

Section 313 Toxic Chemicals: Manganese Tetroxide Trade Secret (CAS No. 39409-82-0)

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CERCLA/SARA 304 Reportable Quantity (RQ):  
Not Applicable  
RCRA Hazardous Waste Classification (40 CFR 261):  
Not Applicable  
TSCA Status:  
TSCA R & D Exempt

### 16. OTHER INFORMATION

#### NFPA Hazard Ratings

Health: 2  
Flammability: 1  
Instability: 0

#### HMIS Hazard Ratings

Health: 2  
Flammability: 1  
Reactivity: 0

0	Minimal
1	Slight
2	Moderate
3	Serious
4	Extreme

LESCO Hazard Category: B

For non-emergency questions about this product call:

1-800-321-5325

Original Issued Date: 1/31/2014  
Revision Date: 03/26/2015 Replaces: 2/1/2014  
Section(s) Revised: 2

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.