

1301 East 9<sup>th</sup> Street, Suite 1300, Cleveland, OH 44114-1849  
**EMERGENCY PHONE:** LESCO: (800) 321-5325  
**CHEMTREC:** (800) 424-9300

**DATE ISSUED:** 1/30/10  
**SUPERSEDES:** NEW

### I. PRODUCT IDENTIFICATION

**PRODUCT NAME:** LESCO DuPont™ Acelepryn® 0.067% Insecticide Plus LESCO Fertilizer

**Chemical Family:** NA

**Chemical Name/Synonyms:** NA

### II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Chlorantraniliprole 3-Bromo-N – [4-chloro-2-methyl – 6 – [(methylamino) carbonyl]phenyl] – 1-(3-chloro- 2-pyridinyl)-1H-pyrazole-5-carboxamide	0.067	500008-45-7	AEL(DuPont)* 10 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> (resp)
* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence. Formulated with one or more of the following ingredients. Check specific product label.			
Urea	0 – 95	57-13-6	10 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> (resp)
Potassium Sulfate	0 – 95	7778-80-5	10 mg/M <sup>3</sup>
Calcium Carbonate	0 – 95	1317-65-3	15 mg/M <sup>3</sup> (dust)
Methylene Urea	0 – 60	9011-05-6	5 mg/M <sup>3</sup> (dust)
Monoammonium Phosphate	0 – 60	7722-76-1	15 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> TLV
Diammonium Phosphate	0 – 50	7783-28-0	15 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> (resp)
Sodium bentonite	0 – 50	1302-78-9	15 mg/M <sup>3</sup> (dust)
Potassium Chloride	0 – 20	7447-40-7	10 mg/M <sup>3</sup> (dust)
Ammonium Sulfate	0 – 20	7783-20-2	15 mg/M <sup>3</sup> (dust)
Iron (Ferrous) Sulfate	0 – 20	7720-78-7	15 mg/M <sup>3</sup> (dust)
Manganese Oxide	0 – 20	1317-35-7	15 mg/M <sup>3</sup> (dust)
Magnesium Oxide	0 – 20	1309-48-4	15 mg/M <sup>3</sup> (dust)
Potassium Nitrate	0 – 20	7757-79-1	Not Established
Iron (Ferric) Oxide	0 – 10	1309-37-1	15 mg/M <sup>3</sup> (dust)
Iron (Ferrous) Oxide	0 – 10	8047-67-4	Not Applicable
Magnesium Sulfate	0 – 10	7478-88-9	15 mg/M <sup>3</sup> (dust)
Sulfate of Potash-Magnesia	0 – 10	14977-37-8	Not Established
Magnesium Carbonate	0 – 10	39409-82-0	15 mg/M <sup>3</sup> (dust)
Sulfur	0 – 5	7704-34-9	5 ppm (SO <sub>2</sub> )
Manganese Compounds	0 – 5	7439-96-5	.5 mg/M <sup>3</sup> (dust)
Sodium Chloride	0 – 5	7647-14-5	10 mg/M <sup>3</sup> (dust)

Substances not 'Hazardous' per OSHA Hazard Communication Standard (29 CFR 1910.1200) may be listed. Where proprietary ingredient shows, the identify may be made available as provided in this standard

### III. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion

**POTENTIAL HEALTH EFFECTS:** Caution. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and/or diarrhea.

**EYE:** Causes moderate eye irritation.

**SKIN:** Avoid contact with skin.

**INHALATION:** Overexposure to dusts may cause mucous membrane and upper respiratory irritation

**INGESTION:** Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and or diarrhea.

**MEDICAL CONDITIONS AGGRAVATED:** None known

**POTENTIAL ENVIRONMENTAL HAZARDS:** This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

### IV. FIRST AID MEASURES

**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.

**SKIN:** 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.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**NOTES TO MEDICAL DOCTOR:** Treat symptomatically

### V. FIRE FIGHTING MEASURES

**Flash Point (Method Used):** NA

**Lower Explosion Limits:** NA

**Auto Ignition Temperature:** NA

**Upper Explosion Limits:** NA

**NFPA/HMIS Rating:** Health: 1

**Fire:** 1

**Reactivity:** 0

**EXTINGUISHING MEDIA:**  Foam

Alcohol Foam

CO<sub>2</sub>

Dry Chemical

Water Spray

Other

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Slightly combustible. May support combustion at elevated temperatures. Finely dispersed particles can form explosive mixtures in air. Irritating or toxic substances may be emitted upon thermal decomposition.

**FIRE FIGHTING PROCEDURES:** Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke, gases or vapors generated. Isolate fire area. Evacuate personnel to a safe area. Cool closed containers exposed to fire with water spray. Contain contaminated water/fire fighting water. Dike area to prevent run-off entering drains, sewers or water sources. Fertilizer will become slippery when wet. Guard against falls.

**HAZARDOUS COMBUSTION PRODUCTS:** Heating above 270F, urea decomposes to biuret, ammonia, and nitrogen oxides. When subjected to extremely high temperatures, potash may release small quantities of chlorine gas.

### VI. ACCIDENTAL RELEASE MEASURES

**RELEASE NOTES:** If material is spilled, and not contaminated, scoop into clean container for use. If contaminated, scoop into containers for disposal. All flushing and clean-up residuals should be collected for proper disposal to prevent soil and surface, ground and sewer water contamination.

### VII. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store in a cool, dry place if possible. Separate from pesticides, seed, feed, foodstuffs, and away from drains, sewers and water sources. Store product in original container only. Not for storage in and around the home.

**OTHER PRECAUTIONS:** Users should 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. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with eyes, skin and clothing. Avoid breathing dust.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust ventilation is recommended to keep exposure to airborne contaminants below exposure limits.

**PERSONAL PROTECTION EQUIPMENT:**

**EYES AND FACE:** Safety glasses or chemical goggles

**RESPIRATORY:** NIOSH approved respiratory protection should be worn.

**GLOVES:** Impervious gloves

**PROTECTIVE CLOTHING:** Long sleeved shirt, long pants, shoes plus socks.

**WORK HYGENIC PRACTICES:** 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. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**COMMENTS:** Have eye wash facilities available where eye contact could occur.

### IX. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** NA

**MELTING POINT:** NA

**VAPOR DENSITY (air = 1):** NA

**ODOR:** slight

**APPEARANCE:** multicolored granules

**pH:** active = 6.7 1% solution

**SPECIFIC GRAVITY:** NA

**EVAPORATION RATE:** NA

**VAPOR PRESSURE:** NA

**SOLUBILITY IN WATER:** Moderate

**PERCENT VOLATILE:** NA

**BULK DENSITY (lbs./cu ft):** 45 – 65

### X. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** None known

**STABILITY:** Stable

**POLYMERIZATION:** Will not occur

**INCOMPATIBLE MATERIALS:** Strong acids, caustic compounds, humid-wet conditions

**HAZARDOUS DECOMPOSITION PRODUCTS:** In the event of a fire, the formation of hydrogen cyanide, carbon monoxide, and nitrogen oxides must be anticipated as well as halogen containing gases. Urea can yield cyanuric acid or biuret upon heating. Also, may give off ammonia and formaldehyde as well as oxides of sulfur, manganese, magnesium, iron, potassium and phosphorus.

### XI. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Moderate eye irritant

**SKIN EFFECTS:** No Data

**DERMAL LC<sub>50</sub>:** (based on similar active containing product) (Rat): >5000 mg/kg

**ORAL LD<sub>50</sub>:** (based on similar active containing product) (Rat): >5000 mg/kg

**INHALATION LC<sub>50</sub>:** (based on similar active containing product) (Rat): >6.2 mg/L

**SENSITIZATION:** Not a sensitizer

**ACUTE EFFECTS FROM OVEREXPOSURE:** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and/or diarrhea.

**CHRONIC EFFECTS FROM OVEREXPOSURE:** No Data

**CARCINOGENICITY:**

**IARC:** Not Listed

**NTP:** Not Listed

**OSHA:** Not Listed

**OTHER:** Not Listed

### XII. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to use sites.

**ECOTOXICOLOGICAL INFORMATION: CHLORANTRANILIPROLE TECHNICAL:****Aquatic Toxicity:**

96-hour LC50 – Rainbow Trout: &gt; 13.8 mg/L

96-Hour LC50 – Bluegill sunfish: &gt; 15.1 mg/L

48-Hour EC50 – Daphnia magna: &gt; 0.0116 mg/L

**Avian Toxicity:**

Acute Oral LD50 – Bobwhite Quail: &gt; 2250 mg/kg

Acute Dietary LC50 – Bobwhite Quail: &gt; 5620 ppm

Acute Dietary LC50 – Mallard Duck: &gt; 5620 ppm

---

**XIII. DISPOSAL CONSIDERATIONS**

---

**DISPOSAL METHODS:** Do not contaminate water supply, food or feed by storage or disposal.**Product:** Do not contaminate water supply, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.**Container:** Do not reuse empty containers. Completely empty bag into application equipment, then dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

---

**XIV. TRANSPORTATION INFORMATION:**

---

**DOT Transportation:**

Not DOT Regulated

**Proper Shipping Name:**

NA

**Hazard Class:**

NA

**U.S. Surface Freight Class:**

NA

**Marine Pollutant #1:**

NA

**HM 181 Shipping Name:**

NA

**ID NO.:**

NA

**Reportable Quantity (RQ):**

NA

---

**XV. REGULATORY INFORMATION – UNITED STATES**

---

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):****SEC 311/312:****Y Immediate (Acute Health)****N Delayed (Chronic Health)****N Fire****N Sudden Release of Pressure****N Reactivity****SEC 302 (Extremely Hazardous Substance): NA****SEC 304 (Emergency Release Notification): NA****SEC 313 (Toxic Chemicals): NA****CERCLA RQ:** NA**CAA RQ:** NA**EPA Registration No.:** 352-734-10404

NOTE: NA=Not Applicable; ND=Not Determined; NE=Not Established

Preparation and distribution of this Material Safety Data Sheet is done for LESCO, Inc., pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information contained herein is based on available data. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof; and you should make your investigation to determine safety for the use you contemplate. LESCO makes no warranty of merchantability or of fitness for a particular use, nor is there any other express or implied warranty except as may be specifically provided otherwise on product.

LESCO, Inc. assumes no responsibility or liability for any incidental or consequential damages whether related to personal injury or property damage, to vendees, users or third parties, caused by the material and LESCO's responsibility is limited to replacement of, or repayment of, the purchase price for the material(s) with respect to which any damages are claimed. All vendees or users assume all risk associated with the use of the material(s).

For further information, contact: LESCO, Inc. • 1301 East 9<sup>th</sup> Street, Suite 1300 • Cleveland, OH 44114-1849 or (800) 321-5325.