



# MATERIAL SAFETY DATA SHEET #2041

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15885 Sprague Road, Strongsville, OH 44136  
**EMERGENCY PHONE:** LESCO: (800) 321-5325  
**CHEMTREC:** (800) 424-9300

**DATE ISSUED:** 1/31/00  
**SUPERSEDES:**

## I. PRODUCT IDENTIFICATION

**PRODUCT NAME:** LESCO Flushing and Contact Insecticide  
**Chemical Family:** Mixture  
**Chemical Name/Synonyms:** Mixture

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Formulated with one or more of the following ingredients. Check specific product label.			
Ethane, 1, 1-Difluoro-	55 – 65	75-37-6	1000 ppm – 8hr TWA
Ethanol	25 – 35	64-17-5	1000 ppm TWA
C12-C15 Isoparaffinic Hydrocarbon	< 5	64742-47-8	300 ppm (Exxon)
Piperonyl Butoxide	1	51-03-6	Not Established
N-Octyl Bicycloheptene Dicarboximide	1	113-48-4	Not Established
Pyrethrins (20%)	.50	8003-34-7	5 mg/m3 TWA

## III. HAZARDS IDENTIFICATION

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

**POTENTIAL HEALTH EFFECTS:** Health studies have shown many petroleum hydrocarbons pose potential human risks, which may vary from person to person. Signs and symptoms of exposure include dizziness, headaches, drowsiness, incoordination, eye irritation, dermatitis, skin disorders, nausea, throat irritation, loss of consciousness, and other nervous system disorders. Prolonged skin contact may cause mild to moderate local redness and swelling.

**EYE:** May cause eye irritation.

**SKIN:** May cause skin irritation.

**INHALATION:** Inhalation of high concentrations of Ethane, 1,1-Difluoro- vapors is harmful and may cause heart irregularities, unconsciousness, or death. Intentional misuse or deliberate inhalation may cause death without warning.

**INGESTION:** Call a physician or Poison Control Center immediately. Induce vomiting.

**MEDICAL CONDITIONS AGGRAVATED:** Skin contact may aggravate an existing dermatitis. Persons with a pre-existing disease of the central nervous system or cardiovascular system may have increased susceptibility to the toxicity of excessive exposures.

**POTENTIAL ENVIRONMENTAL HAZARDS:** None known

## IV. FIRST AID MEASURES

**EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**INHALATION:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**INGESTION:** Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconsciousness, do not give anything by mouth and do not induce vomiting.

## V. FIRE FIGHTING MEASURES

**Flash Point (Method Used):** Non flammable per flame projection test

**Lower Explosion Limits:** Not Applicable

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

**EXTINGUISHING MEDIA:**  Foam  
 Water Spray

**Auto Ignition Temperature:** Not Applicable

**Upper Explosion Limits:** Not Applicable

Fire: 1 Reactivity: 1

Alcohol Foam  Dry Chemical  
 Other  CO<sub>2</sub>

**EXPLOSION HAZARDS:** Exposure to temperatures above 130F may cause bursting.

**FIRE FIGHTING PROCEDURES:** Self-contained air supply suggested. Keep containers cool to avoid bursting.

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**VI. ACCIDENTAL RELEASE MEASURES**

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**RELEASE NOTES:** If container is ruptured or begins to leak, place in a well-ventilated area free of sparks and ignition sources. Pesticide that cannot be used according to label instructions must be disposed of according to all applicable federal, state and local regulations.

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**VII. HANDLING AND STORAGE**

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**GENERAL PROCEDURES:** Read label. Do not apply directly to food. In commercial food handling facilities, cover or remove any food. In food processing plants, thoroughly wash all equipment, benches, shelving, etc. where exposed food will be handled. Rinse with potable water. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. In medical care facilities, remove all patients. After spraying, ventilate area for 2 hours before returning patients.

**OTHER PRECAUTIONS:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read label. Store in a cool dry area away from heat or open flames. Exposure to temperatures above 130F may cause bursting. Do not spray on plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TVs, computers, etc.

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**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:** Local exhaust ventilation as required to keep airborne concentrations below the acceptable levels. Provide adequate mechanical ventilation or area being treated.

**PERSONAL PROTECTION EQUIPMENT:**

**EYES AND FACE:** Safety glasses recommended to avoid possible contact with eyes.

**RESPIRATORY:** Not required. Avoid breathing mist.

**GLOVES:** Not required. Avoid contact with skin.

**PROTECTIVE CLOTHING:** None known

**WORK HYGENIC PRACTICES:** Follow label instructions.

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**IX. PHYSICAL AND CHEMICAL PROPERTIES**

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**BOILING POINT:** Not Applicable

**MELTING POINT:** Not Applicable

**VAPOR DENSITY (air = 1):** Not Applicable

**ODOR:** Characteristic pyrethrin odor

**APPEARANCE:** Dry fog

**SPECIFIC GRAVITY: (H<sub>2</sub>O = 1):** .9

**EVAPORATION RATE: (Butyl Acetate = 1):** Not Applicable

**VAPOR PRESSURE: (mm Hg):** 4,239

**SOLUBILITY IN WATER:** Partially soluble

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**X. STABILITY AND REACTIVITY**

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**CONDITIONS TO AVOID:** Open flames and hot surfaces can cause thermal decomposition

**STABILITY:** Stable

**POLYMERIZATION:** Will not occur.

**INCOMPATIBLE MATERIALS:** Strong oxidizers, and alkaline materials, and powdered earth metals – Al, Zn, Be, etc.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, hydrofluoric acid, and carbonyl fluoride

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**XI. TOXICOLOGICAL INFORMATION**

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**EYE EFFECTS:** No Data

**SKIN EFFECTS:** No Data

**DERMAL LC<sub>50</sub>:** No Data

**ORAL LD<sub>50</sub>:** No Data

**INHALATION LC<sub>50</sub>:** No Data

**SENSITIZATION:** No Data

**ACUTE EFFECTS FROM OVEREXPOSURE:** Dizziness, headaches, drowsiness, incoordination, eye irritation, dermatitis, skin disorder, nausea, throat irritation, loss of consciousness, and other nervous system disorders.

**CHRONIC EFFECTS FROM OVEREXPOSURE:** Prolonged skin contact may cause mild to moderate local redness and swelling.

**CARCINOGENICITY:**

**IARC:** Not Listed

**NTP:** Not Listed

**OSHA:** Not Listed

**OTHER:** Not Listed

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**XII. ECOLOGICAL INFORMATION**

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**ENVIRONMENTAL DATA:** No Data

**ECOTOXICOLOGICAL INFORMATION:** No Data

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**XIII. DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHODS:** Do not reuse empty container. This container may be recycled in the few but growing number of communities where (steel) aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. Do not puncture. If recycling is not available, wrap the container and discard in the trash. Any remaining or collected liquid from punctured cans should be disposed of in a safe manner at an approved facility in accordance with federal, state and local regulations.

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**XIV. TRANSPORTATION INFORMATION:**

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**DOT Transportation:** Regulated only when offered for transportation by aircraft

**ID NO.:** Not Applicable

**Proper Shipping Name:** Insecticides, Agricultural, N.O.S.

**Marine Pollution #1:** Not Applicable

**Hazard Class:** ORM-D

**HM 181 Shipping Name:** Not Regulated

**U.S. Surface Freight Class:** 102120-Class 60

**Reportable Quantity (RQ):** Not Applicable

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**XV. REGULATORY INFORMATION – UNITED STATES**

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**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

Y **Immediate (Acute Health)**

**SEC 302:** Not Applicable

N **Delayed (Chronic Health)**

**SEC 304:** Not Applicable

Y **Fire.**

**SEC 313:** Piperonyl Butoxide, #51-03-6

Y **Sudden Release of Pressure**

**CERCLA RQ:** Not Applicable

N **Reactivity**

**CAA RQ:** Not Applicable

**EPA Registration No.:** 9444-189-10404

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