

1% DURSBAN GRANULAR BAIT
LESCO, INC.
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I. PRODUCT IDENTIFICATION

Product: LESCO 1% Dursban Granular Bait
Chemical Name/Synonyms: Chlorpyrifos granules
Chemical Family: Organophosphate insecticide

II. PRODUCT INFORMATION: INGREDIENTS

Chemical Name	TLV/TWA	%(by wt.)	CAS#
O,O-Diethyl O-(3,5,6-trichloro-2- pyridinyl) phosphoro- thioate	0.2 mg/M ³ (chlorpyrifos)	1.0	002921-88-2
Corn Cob Carrier (Inert)	ND	99.0	--

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: NA
Melting Point: NA
Vapor Pressure (mm Hg): NA
Vapor Density (air = 1): NA
Solubility in Water: Negligible
pH: ND
Specific Gravity (water=1): NA
Bulk Density (lbs./cu. ft.): 50-65
Evaporation Rate: NA
Percent Volatile: NA
Appearance and Odor: light yellowish granules Mercaptan-type odor

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): ND
Auto Ignition Temperature: ND
Lower Explosion Limits: ND
Upper Explosion Limits: ND
NFPA/HMIS RATING: HEALTH=2 FIRE=1
REACTIVITY=0
EXTINGUISHING MEDIA:
[X] Foam

- Water Spray
- Alcohol Foam
- Other
- Dry Chemical
- CO2

Special Fire-Fighting Procedures: Wear NIOSH approved positive pressure, self-contained breathing apparatus. Foam system is preferred because uncontrolled water can spread possible contamination. Prevent run-off from entering drains, sewers or bodies of water.

Unusual Fire and Explosion Hazards: Toxic irritating gases may be formed above 160 C (320 F).

V. HEALTH HAZARDS

Primary Route(s) of Entry: Skin, eyes, inhalation, ingestion.

SIGNS & SYMPTOMS OF EXPOSURE

Acute: Eye pain and slight irritation. Single skin exposure not likely to cause irritation. Ingestion can cause serious injury.

Chronic: Excessive exposure may produce organophosphate type cholinesterase inhibition. Signs and symptoms of excessive exposure to active ingredient may be headache, dizziness, incoordination, muscle twitching, tremors, nausea, abdominal cramps, diarrhea, sweating, pinpoint pupils, blurred vision, salivation, tearing, tightness in chest, excessive urination, convulsions. Active ingredient produced mild adrenal effects when fed to rats, but only at doses that greatly exceeded any exposures that would be received during use of this product. Active ingredient did not cause cancer in animal studies. Active ingredient did not cause birth defects in laboratory animals. In animal studies, active ingredient has been shown not to interfere with reproduction. Based on a majority of negative data and some equivocal or marginally positive results, active ingredient is considered to have minimal mutagenic potential.

EMERGENCY FIRST-AID PROCEDURES

Eyes: Irrigate immediately with water for at least 5 minutes.

Skin: Wash off in flowing water or shower. Wash contaminated clothing before reuse. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Inhalation: Remove to fresh air if effects occur. Consult a physician.

Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. (Never give anything by mouth to or attempt to induce vomiting in an unconscious person.)

Notes to Physician: Atropine by intravenous administration is the preferable antidote. Oximes may or may not be therapeutic but it is recommended they not be used in place of atropine. Suggest serum and/or RBC cholinesterase determination. Consult standard literature. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

Toxicity Information:

Oral LD50: Acute (rat): >2000 mg/kg

Inhalation LC50: (rat): >1.5 mg per liter for 4 hrs.

Dermal LD50: Acute (rabbit): >2000 mg/kg

Eye Irritation: slight

Skin Irritation: very slight irritant
Positive Teratogen or Mutagen Carcinogen (NTP): No
Potential Carcinogen (IARC or OSHA): No

VI. REACTIVITY

Stability:

- Stable
- Unstable

Conditions to Avoid: Avoid high temperatures. Store below 100F (38 C). Chlorpyrifos undergoes exothermic decomposition at approx. 130 C (266 F) which can lead to higher temperature and violent decomposition if generated heat is not removed.

Incompatibility: Alkaline materials.

Hazardous Decomposition Products: If product is involved in fire hydrogen chloride, ethyl sulfide, diethyl sulfide and nitrogen oxides can be formed.

Hazardous Polymerization:

- Will not occur
- Will occur

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

If material is spilled: Sweep, vacuum or shovel material into a container for reuse or disposal. Do not allow product to contaminate drains, sewers, streams, ditches or bodies of water. Prevent large quantities from contacting vegetation. Keep animals away from large spills. Spills of 1 pound or more active ingredient must be reported to the National Response Center.

Waste Disposal Method: Dispose according to Federal EPA procedures as outlined in the Resource Conservation Recovery Act (RCRA) and follow state and local guidelines. Be sure bags are empty before disposal.

VIII. SPECIAL PROTECTION INFORMATION

Protective Equipment Suggested for Outdoor Application:

- Impervious Gloves
- Impervious Boots
- Dust Mask
- Clean Clothing
- Respirator (use NIOSH/MSHA approved)
- Eye Goggles/Safety Glasses

Protective Equipment Suggested for Confined Areas:

- Sufficient Ventilation
- Eyewash Station
- Respirator (use NIOSH/MSHA approved)
- Emergency Shower
- Dust Mask
- Impervious Apron
- Splash Goggles/Safety Glasses

IX. STORAGE AND HANDLING

Precautions: Store in a cool, dry place if possible. Separate from other pesticides, fertilizers, seed, feed, foodstuffs, and away from drains, sewers, and water sources.

Other Precautions: Keep out of reach of children. Practice good care and good safety precautions when handling this product. Avoid contact with eye, skin and clothing. Avoid breathing dust. Store in temperature below 100 F (38 C). Do not swallow. Wash thoroughly after handling.

X. FEDERAL REGULATORY INFORMATION

SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES

- [Y] Immediate (acute) Health
- [Y] Delayed (Chronic) Health
- [N] Fire
- [N] Sudden Release of Pressure
- [N] Reactivity

SEC 302: NA

SEC 304: NA

SEC 313: NA

CERCLA RQ: 1 lb (chloropyrifos)

CAA RQ: NA

EPA Reg. No.: 10404-67

HM 181 Shipping Name: Not Regulated.

NA = Not Applicable

ND = Not Determined

Preparation and distribution of this Material Safety Data Sheet done by LESCO, Inc., 20005 Lake Road, Rocky River, Ohio 44116, pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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