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I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO Touché EG Fungicide
Chemical Family: Dichloroaniline
Chemical Name/Synonyms: Vinclozolin (active ingredient); 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinadione; BAS 352 40 F

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	% (by/wt.)	CAS #	PEL/TLV
Vinclozolin	50	50471-44-8	1.0 mg/M ³ (BASF recommended)
Inert Ingredients	50	Not Applicable	Not Established

This formulation contains kaolin. Kaolin contains small amounts of crystalline silica. This formulation may contain more than 0.1% crystalline silica.

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eye, Skin, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS: Harmful if swallowed, inhaled, or absorbed through skin. Do not get on skin, in eyes, or on clothing. Avoid breathing vapor or spray mist. Prolonged exposure or frequently repeated skin contact may cause allergic reactions in some individuals. For the active ingredient, Vinclozolin, animal study tests indicate embryotoxicity, reproductive toxicity and cataract formation. Also, endocrine changes have been reported in animal developmental, subchronic and chronic toxicity studies. Overexposure to crystalline silica results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs and repeated, non-specific chest illnesses.
EYE: Causes eye irritation
SKIN: May cause allergic reaction in some individuals
INHALATION: Inhalation of powder may result in respiratory irritation.
INGESTION: Ingestion of powder may result in gastric disturbances.
MEDICAL CONDITIONS AGGRAVATED: No information found for this mixture.
POTENTIAL ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the high water mark. Do not contaminate water when disposing of equipment washwaters

IV. FIRST AID MEASURES

EYES: Flush with plenty of water. Call a physician if irritation persists.
SKIN: Wash with plenty of soap and water. Get medical attention.
INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
INGESTION: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
NOTES TO MEDICAL DOCTOR: None Known

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): Not Determined	Auto Ignition Temperature: Not Determined
Lower Explosion Limits: Not Determined	Upper Explosion Limits: Not Determined
NFPA/HMIS Rating: Health: 1	Fire: 0 Reactivity: 0
EXTINGUISHING MEDIA:	
<input checked="" type="checkbox"/> Foam	<input type="checkbox"/> Alcohol Foam <input checked="" type="checkbox"/> Dry Chemical
<input checked="" type="checkbox"/> Water Fog	<input type="checkbox"/> Other <input checked="" type="checkbox"/> CO ₂

EXPLOSION HAZARDS: None Known. May form explosive dust/air mixture.

FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

HAZARDOUS COMBUSTION PRODUCTS: No Data

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled, keep the spilled product dry to reduce volume. Scoop up the recaptured dry product and return it to the original container. Apply product according to normal label directions. If the spilled product gets wet, add a drying agent to contain the spill and dispose of as directed.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not contaminate water, food, or feed by storage or disposal. Do not store below 32F or above 100F. Store in dry place away from heat or open flame. **Water-soluble Packaging:** The bags will dissolve in water and the contents disperse. If all the water-soluble bags are not used, carefully reseal the full bag. Do not remove the water-soluble bags from the overwrap bags except for immediate use. If exposed to moisture, the water-soluble bags may break.

OTHER PRECAUTIONS: Keep out of reach of children.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Chemical goggles

RESPIRATORY: Air respirators (NIOSH/MSHA approved) should be worn

GLOVES: Waterproof gloves

PROTECTIVE CLOTHING: Coveralls over long-sleeved shirt and long pants; chemical-resistant footwear and socks; chemical resistant apron when cleaning equipment, mixing, or loading

WORK HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling. Follow the manufacturer's instructions for cleaning and maintaining PPE or use detergent and hot water for washables. Keep and wash PPE separately from other laundry.

COMMENTS: 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. Remove PPE immediately after handling product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Determined

MELTING POINT: Not Determined

VAPOR DENSITY (air = 1): Not Applicable

ODOR: Aromatic

APPEARANCE: Tan powder

pH: Not Determined

SPECIFIC GRAVITY: Not Applicable

EVAPORATION RATE: Not Applicable

VAPOR PRESSURE: Not Determined

SOLUBILITY IN WATER: Dispersible

PERCENT VOLATILE: Not Applicable

BULK DENSITY (lbs./cu ft): 28

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Moisture

STABILITY: Stable

POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: Unknown - see label for recommended mixtures

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may generate HCl and NOx

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes eye irritation

SKIN EFFECTS: Rabbit: Non irritating

DERMAL LC₅₀: Rat: >2000 mg/kg

ORAL LD₅₀: Rat: >5000 mg/kg

INHALATION LC₅₀: Rat: >5.3 mg/L (4 hour)

SENSITIZATION: Guinea Pig: Sensitizing

ACUTE EFFECTS FROM OVEREXPOSURE: Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. Do not get on skin, in eyes or on clothing. Avoid breathing vapor or spray mist.

Prolonged exposure or frequently repeated skin contact may cause allergic reactions in some individuals.

CHRONIC EFFECTS FROM OVEREXPOSURE: For the active ingredient, Vinclozolin, animal study tests indicate embryotoxicity, reproductive toxicity and cataract formation. Also, endocrine changes have been reported in animal developmental, subchronic and chronic toxicity studies. Overexposure to crystalline silica, a minor component of the formulation, results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs, and repeated, non-specific chest illnesses.

CARCINOGENICITY: Lifetime feeding studies of Vinclozolin (ai) to rodents have shown an increased incidence of tumors at excessive dose levels.

IARC: Crystalline silica - Group 1 (those agents with evidence of carcinogenicity to humans)

OSHA: Not Listed

NTP: Not Listed

OTHER: Not Listed

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Do not apply directly to areas where surface water is present, or to intertidal areas below the high water mark. Do not contaminate water when disposing of equipment wash waters.

ECOTOXICOLOGICAL INFORMATION: This product is toxic to fish.

Rainbow Trout, static 96 hr LC50 > 100 mg/L

Daphnia magna, static 48 hr EC50 - 158 mg/L

Acute Algal Toxicity, 72 hr EC/LC50 - 19.3 mg/L

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Plastic Container Disposal: Triple rinse container and offer for recycling or reconditioning, or puncture and dispose of 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 Regulated

Proper Shipping Name: Not Applicable

Hazard Class: Not Applicable

U.S. Surface Freight Class: Fungicide, Agricultural, NOIBN

Reportable Quantity (RQ): Not Applicable

ID NO.: Not Applicable

Marine Pollution #1: Not Applicable

HM 181 Shipping Name: Not Applicable

XV. REGULATORY INFORMATION - UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Y Immediate (Acute Health)

SEC 302: Not Applicable

Y Delayed (Chronic Health)

SEC 304: Not Applicable

N Fire

SEC 313: Vinclozolin (50471-44-8)

N Sudden Release of Pressure

CERCLA RQ: 10,000

N Reactivity

CAA RQ: Not Applicable

EPA Registration No.: 7969-85-10404

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