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DATE ISSUED: 12/19/01
SUPERSEDES:

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO Prodigy Signature 80 DG Fungicide
Chemical Family: Not Applicable
Chemical Name/Synonyms: Ethyl Hydrogen Phosphonate, Fosetyl-AL

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.			
Aluminum Tris (O-Ethyl Phosphonate)	80	39148-24-8	2 mg/M ³
Crystalline silica as quartz	<0.25	14808-60-7	0.1 mg/m ³ as respirable dust
Other ingredients (trade secret)	Balance	Not Applicable	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eye, Skin, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS: Harmful if inhaled, swallowed or absorbed through skin. Causes moderate eye injury. This product contains ingredients that are considered to be probable or suspected human carcinogens.
EYE: Irritant. Causes redness, tearing.
SKIN: Harmful if absorbed through skin. Irritant. Causes redness, swelling.
INHALATION: Harmful if inhaled. May cause upper respiratory tract irritation.
INGESTION: Harmful if ingested.
MEDICAL CONDITIONS AGGRAVATED: Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

IV. FIRST AID MEASURES

EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.
SKIN: In case of contact, immediately wash with plenty of soap and water for at least 15 minute. Seek medical attention. Remove contaminated clothing and shoes while washing. Clean contaminated clothing and shoes before reuse or discard if they cannot be thoroughly cleaned.
INHALATION: Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek medical attention.
INGESTION: If victim is conscious and alert, give 2 – 3 glasses of water to drink and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.
NOTES TO MEDICAL DOCTOR: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): Not Applicable**Auto Ignition Temperature:** Not Applicable**Lower Explosion Limits:** Not Applicable**Upper Explosion Limits:** Not Applicable**NFPA/HMIS Rating:** Health: 2

Fire: 0

Reactivity: 1

EXTINGUISHING MEDIA: Foam Alcohol Foam Dry Chemical Water Spray Polymer Foam CO₂**EXPLOSION HAZARDS:** Under fire conditions, toxic, corrosive fumes are emitted.**FIRE FIGHTING PROCEDURES:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of phosphorus, oxides of carbon, phosphine gas

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled, wear appropriate protective gear for the situation. Ventilate closed spaces before entering. Stay upwind if possible. Avoid creation of dusty conditions. Scrape up and place in appropriate closed container. Decontaminate tools and equipment following cleanup. If spilled on the ground, the affected area should be scraped clean and placed in an appropriate container for disposal. Do not flush to drain. Prevent material from entering public sewer system or any waterways.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid direct or prolonged contact with skin and eyes. Do not breathe dusts. Do not breathe vapors or mists. Do not ingest. Store in an area that is away from foodstuffs or animal feed.**OTHER PRECAUTIONS:** Keep out of reach of children.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust to control excessive vapors/mists.**PERSONAL PROTECTION EQUIPMENT:****EYES AND FACE:** Safety glasses with side shields.**RESPIRATORY:** NIOSH/MSHA approved air purifying respirator with cartridges/canister approved for use against dusts, mists and fumes, pesticides. For emergency conditions with unknown concentrations, use a full-face positive pressure air-supplied respirator equipped with an emergency escape air supply unit or use a self-contained breathing apparatus unit.**GLOVES:** Chemical resistant gloves.**PROTECTIVE CLOTHING:** Long-sleeved shirt and pants.**WORK HYGIENIC PRACTICES:** Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes of contact with this material.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Available**SPECIFIC GRAVITY:** Not Available**MELTING POINT:** Not Available**EVAPORATION RATE:** Not Available**VAPOR DENSITY (air = 1):** Not Available**VAPOR PRESSURE:** Not Available**ODOR:** Acidic**SOLUBILITY IN WATER:** Dispersible**APPEARANCE:** Green granules, solid**MOLECULAR WEIGHT:** 354.1**pH:** 3.5 to 4 at 5 wt/wt%

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Moisture**STABILITY:** Stable**POLYMERIZATION:** Will not occur**INCOMPATIBLE MATERIALS:** Strong bases, oxidizing agents, strong reducing agents; mineral acids

HAZARDOUS DECOMPOSITION PRODUCTS: Under fire conditions – oxides of phosphorus, oxides of carbon, phosphine gas.

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Rabbit: mildly irritating

SKIN EFFECTS: Rabbit: slightly irritating

DERMAL LC₅₀: Rabbit: > 2000 mg/kg

ORAL LD₅₀: Rat: 2860 mg/kg

INHALATION LC₅₀: Rat (4 hour exposure): > 5mg/L

SENSITIZATION: Not a sensitizer

ACUTE EFFECTS FROM OVEREXPOSURE: Eye and skin irritation

CHRONIC EFFECTS FROM OVEREXPOSURE: This product contains substances that are considered to be probable or suspected human carcinogens. This product contains a chemical known to the State of California to cause cancer.

CARCINOGENICITY: Crystalline Silica as quartz

IARC: Quartz

OSHA: Not Listed

NTP: Quartz

ACGIH: Listed – A2

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Available

ECOTOXICOLOGICAL INFORMATION: Not Available

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose according to federal EPA procedures as outlined in the Resource Conservation Recovery Act (RCRA) and follow state and local regulations. DO NOT REUSE CONTAINERS.

XIV. TRANSPORTATION INFORMATION:

DOT Transportation: Not Regulated

ID NO.: Not Applicable

Proper Shipping Name: Not Regulated

Marine Pollution #1: Not Applicable

Hazard Class: Not Applicable

HM 181 Shipping Name: Not Applicable

U.S. Surface Freight Class: Not Applicable

Reportable Quantity (RQ): 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: Not Applicable

N Sudden Release of Pressure

CERCLA RQ: Not Applicable

N Reactivity

CAA RQ: Not Applicable

EPA Registration No.: 432-890-10404

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