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**EMERGENCY PHONE:** LESCO: (800) 321-5325  
**CHEMTREC:** (800) 424-9300

**DATE ISSUED:** 7/25/05  
**SUPERSEDES:** 6/20/05

### I. PRODUCT IDENTIFICATION

**PRODUCT NAME:** LESCO Spectator Ultra 1.3 Fungicide  
**Chemical Family:** Thiazoles  
**Chemical Name/Synonyms:** C<sub>15</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

### II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Propiconazole	14.3	60207-90-1	NE
Other ingredients	85.7	NA	NA

### III. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion  
**POTENTIAL HEALTH EFFECTS:** May be harmful if swallowed, inhaled or absorbed through skin. Can cause substantial but temporary eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Keep out of reach of children.  
**EYE:** Substantially irritating to the eyes. Degree of injury will depend on the amount of material that gets into eye and the speed and thoroughness of the first aid treatment.  
**SKIN:** Prolonged or repeated skin contact may cause allergic reaction in some individuals  
**INHALATION:** Slightly irritating to respiratory tract.  
**INGESTION:** May be harmful if swallowed.  
**MEDICAL CONDITIONS AGGRAVATED:** None known  
**POTENTIAL ENVIRONMENTAL HAZARDS:** This pesticide is moderately toxic to fish and invertebrates, and practically non-toxic to birds and bees. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

### 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 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:** No specific antidote, treat patient symptomatically. Eye contact may require specialized ophthalmologic attention. If ingested, induce emesis or lavage stomach carefully to avoid aspiration.

### V. FIRE FIGHTING MEASURES

<b>Flash Point (Method Used):</b> >221F/>105C (PMA-4)	<b>Auto Ignition Temperature:</b> No Data
<b>Lower Explosion Limits:</b> ND	<b>Upper Explosion Limits:</b> ND
<b>NFPA/HMIS Rating:</b> Health: 2	Fire: 2      Reactivity: 0
<b>EXTINGUISHING MEDIA:</b> <input checked="" type="checkbox"/> Foam	<input type="checkbox"/> Alcohol Foam <input checked="" type="checkbox"/> CO <sub>2</sub>
<input checked="" type="checkbox"/> Dry Chemical	<input checked="" type="checkbox"/> Water Spray <input type="checkbox"/> Other

**EXPLOSION HAZARDS:** This material can burn in fire releasing irritating and toxic gases due to thermal decomposition or combustion.

**FIRE FIGHTING PROCEDURES:** Exposed firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing (Bunker gear).

**HAZARDOUS COMBUSTION PRODUCTS:** Not known

### VI. ACCIDENTAL RELEASE MEASURES

**RELEASE NOTES:** If material is spilled, clean up spills immediately, observing precautions in Section VIII. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**Small Spill:** Absorb small spills with sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal.

**Large Spill:** Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify and scrape up for disposal. Clean up wash liquid with additional absorbent and place in a disposal container. After clean up, flush contaminated area thoroughly with water. This material should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

### VII. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store away from food, feed and drinking water. Use only in a well-ventilated area. Do not reuse this container. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

**OTHER PRECAUTIONS:** Keep out of reach of children.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Proper ventilation is required when handling or using this product to keep exposure to airborne contaminants below the exposure limit.

**PERSONAL PROTECTION EQUIPMENT:**

**EYES AND FACE:** Chemical protective goggles or a full face shield

**RESPIRATORY:** Ventilation and other forms of engineering controls are the preferred means for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**GLOVES:** Chemical-resistant gloves such as barrier laminate, or butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), Viton (all  $\geq$  14 mils)

**PROTECTIVE CLOTHING:** Long-sleeved shirt and long pants, shoes plus socks, and a chemical-resistant apron when cleaning equipment, mixing, or loading.

**WORK HYGIENIC 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. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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:** Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

### IX. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** No Data

**MELTING POINT:** NA

**VAPOR DENSITY (air = 1):** No Data

**ODOR:** Slight solvent odor

**APPEARANCE:** Amber liquid

**pH:** 5.59

**SPECIFIC GRAVITY:** No Data

**EVAPORATION RATE:** No Data

**VAPOR PRESSURE:** No Data

**SOLUBILITY IN WATER:** Soluble

**PERCENT VOLATILE:** No Data

**DENSITY (lbs./gal):** 1.086 g/ml

### X. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Avoid temperatures above 150F and below 20F

**STABILITY:** Stable; however may decompose if heated

**POLYMERIZATION:** Will not occur

**INCOMPATIBLE MATERIALS:** Alkaline and acidic conditions and materials, oxidizing materials

**HAZARDOUS DECOMPOSITION PRODUCTS:** Can decompose at high temperatures forming toxic gases.

### XI. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** (Rabbit): Moderately irritating

**SKIN EFFECTS:** (Rabbit): Slightly irritating

**DERMAL LD<sub>50</sub>:** (Rat): >5,000 mg/kg

**ORAL LD<sub>50</sub>:** (Rat): >3,000 mg/kg

**INHALATION LC<sub>50</sub>:** (Rat 4-hr): >2.02 mg/L

**SENSITIZATION:** (Guinea pig): Skin sensitizer

**ACUTE EFFECTS FROM OVEREXPOSURE:** Low oral, dermal and inhalation toxicity. Product is substantially irritating to the eyes; the degree of injury will depend on the amount of material that gets into eye and the speed and thoroughness of the first aid treatment.

**CHRONIC EFFECTS FROM OVEREXPOSURE:** In studies with laboratory animals, Propiconazole did not cause teratogenicity, neurotoxicity or carcinogenicity in male and female rats and male mice. In laboratory animals that have ingested large doses of Propiconazole during their life span, liver enlargement is often noted and an increase of neoplastic and non-neoplastic liver cell tumors in male mice at 2500 ppm in the diet was observed. At a dose of 850 ppm in the diet, there was a statistically significant increase in benign adenomas but no increase in carcinomas. In studies of rats, developmental toxicity in the form of cleft palate occurred. In studies of rabbits, no adverse development effects were identified. An overall absence of genotoxicity has been demonstrated in tests of mutagenicity, DNA damage and chromosome aberrations.

**CARCINOGENICITY:**

**IARC:** Not Listed

**NTP:** Not Listed

**OSHA:** Not Listed

**OTHER:** ACGIH: Not Listed

### XII. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This pesticide is moderately toxic to fish and invertebrates, and practically non-toxic to birds and bees. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

Propiconazole has low mobility and is not persistent in soil, has low bioaccumulation potential, and is stable in water (sinks in water after 24 hours).

**ECOTOXICOLOGICAL INFORMATION:** No Data

### XIII. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:**

**Product:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

**Container:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or 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:**

NA

**Marine Pollutant #1:**

Not Listed

**HM 181 Shipping Name:**

NA

**Hazard Class:**

NA

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

Agricultural Fungicides, Liquid, NOIBN

**ID NO.:**

NA

**Reportable Quantity (RQ):**

NA

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**XV. REGULATORY INFORMATION – UNITED STATES**

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**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): Propiconazole (14.3%; CAS #60207-90-1)****CERCLA RQ:** NA**CAA RQ:** NA**EPA Registration No.:** 79676-8-10404

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

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