

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

DATE ISSUED: 12/6/01
SUPERSEDES: 11/15/00

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO Horticultural Oil
Chemical Family: Petroleum Hydrocarbon
Chemical Name/Synonyms: Superior Oil, Dormant Oil

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Severely Solvent Refined Light Paraffinic Petroleum Oil	80 – 100	64741-89-5	5 mg/M ³ (mist)
Severely Solvent Refined Heavy Paraffinic Petroleum Oil	0 – 20	64741-88-4	5 mg/M ³ (mist)
Alkyl Aryl Polyoxyethoxy Ethanol Nonionic Surfactant	0 – 1	Not Applicable	Not Established
Alkyl Phenol Coupler	0 – 1	Not Applicable	Not Established

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS: Harmful or fatal if swallowed. Pulmonary aspiration hazard. Product may enter lungs and cause damage.
EYE: Contact may cause mild irritation or discomfort.
SKIN: This product is not expected to present a skin hazard. Substance does not generally irritate and is only mildly irritating to the skin.
INHALATION: High vapor concentrations are irritating to the eyes, nose, throat and lungs
INGESTION: Product may be harmful or fatal if swallowed. Material is a pulmonary aspiration hazard. Material can enter lungs and cause damage.
MEDICAL CONDITIONS AGGRAVATED: Disorders of the skin, respiratory system, pulmonary system, lungs (asthma-like conditions)
POTENTIAL ENVIRONMENTAL HAZARDS: The product is toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present, or it intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

IV. FIRST AID MEASURES

EYES: Flush with large amounts of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.
SKIN: Remove contaminated clothing. Wash area of contact thoroughly with soap and water. Get medical attention if irritation persists.
INHALATION: If symptoms develop, remove person from source of exposure to fresh air. If breathing is difficult, administer oxygen if available. If not breathing, give artificial respiration. Get medical attention if irritation persists.
INGESTION: Immediately call physician, emergency room, or poison control center. Do not induce vomiting because of danger of aspirating liquid into lungs. If spontaneous vomiting occurs, monitor for breathing difficulty.
NOTES TO MEDICAL DOCTOR: Treat symptomatically and supportively.

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): 340°F COC

Auto Ignition Temperature: 650°F Estimated

Lower Explosion Limits: No Data**NFPA/HMIS Rating:** Health: 0**EXTINGUISHING MEDIA:** Foam Water Spray**Upper Explosion Limits:** No Data

Fire: 1

Reactivity: 0

 Alcohol Foam Other Dry Chemical CO₂**EXPLOSION HAZARDS:** Combustible at high temperatures. Vapors may accumulate in confined areas.**FIRE FIGHTING PROCEDURES:** Exposed firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus with full-face mask and protective clothing. Use a water spray to cool fire-exposed containers and structures, disperse vapors and to protect personnel.**HAZARDOUS COMBUSTION PRODUCTS:** Toxic irritating gases may be formed. Can be made to burn (flash point above 200°F)

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled Contain leaking liquid with sand, earth or other absorbent and place in containers for later disposal. Do not flush to drain/storm sewer. Contract to authorized disposal service. Advise the Environmental Protection Agency (EPA) and appropriate state agencies, if required.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Store in a cool, dry, locked area out of the reach of children. Keep container tightly closed in storage to prevent entry of water. Do not contaminate water, food, or feed by storage or disposal, open dumping is prohibited. NFPA Class IIIB storage. Flash point is greater than 200°F.**OTHER PRECAUTIONS:** Avoid contact with eyes, skin or clothing. Avoid breathing of spray mist or vapors. Wash hands after using.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use with adequate ventilation.**PERSONAL PROTECTION EQUIPMENT:****EYES AND FACE:** Splash proof chemical goggles**RESPIRATORY:** Respiratory protection is not usually needed unless product is heated or misted. Half-mask air purifying respirator with dust/mist filters or HEPA filter cartridges is acceptable for exposures to 50 times exposure limit.**GLOVES:** Chemical resistant gloves such as barrier laminate, nitrile rubber, PVC, neoprene, viton, polyvinyl alcohol**PROTECTIVE CLOTHING:** Long-sleeved shirt and long pants, shoes plus socks**WORK HYGENIC PRACTICES:** Use good personal hygiene practices. Wash face and hands before eating, drinking, smoking or using toilet facilities. Remove contaminated clothing and clean before reuse. Wash thoroughly using soap and water.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: No Data**MELTING POINT:** No Data**VAPOR DENSITY (air = 1):** No Data**ODOR:** Little odor**APPEARANCE:** Colorless fluid**pH:** No Data**SPECIFIC GRAVITY:** 0.85**EVAPORATION RATE:** No Data**VAPOR PRESSURE:** <0.0001 @ 20°C**SOLUBILITY IN WATER:** Miscible**PERCENT VOLATILE:** Nil**VISCOSITY:** 75 SUS @ 100°F; 13.4 CsT @ 40°C**BULK DENSITY (lbs./cu ft):** Not Applicable

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid heat, sparks and open flame**STABILITY:** Stable**POLYMERIZATION:** Will not occur**INCOMPATIBLE MATERIALS:** Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants.

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Mildly irritating

SKIN EFFECTS: Mildly irritating

DERMAL LC₅₀: No Data

ORAL LD₅₀: Acute: >15 g/kg

INHALATION LC₅₀: No Data

SENSITIZATION: No Data

ACUTE EFFECTS FROM OVEREXPOSURE: Product may be harmful or fatal if swallowed. Material is a pulmonary aspiration hazard. Material can enter lungs and cause damage. High vapor concentrations are irritating to the eyes, nose, throat and lungs

CHRONIC EFFECTS FROM OVEREXPOSURE: None Expected

CARCINOGENICITY:

IARC: Not Listed

OSHA: Not Listed

NTP: Not Listed

OTHER: Not Listed

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Do not apply directly to water, or to areas where surface water is present, or in intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

ECOTOXICOLOGICAL INFORMATION: The product is toxic to fish and aquatic organisms.

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.

Pesticide disposal: wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container disposal: 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

ID NO.: Not Applicable

Proper Shipping Name: Petroleum Oil NOIBN

Marine Pollution #1: Not Applicable

Hazard Class: Not Applicable

HM 181 Shipping Name: Not Regulated

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

N 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.: 10404-66

Preparation and distribution of this Material Safety Data Sheet is done for LESCO, Inc., pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information contained herein is based on available data. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof; and you should make your investigation to



MATERIAL SAFETY DATA SHEET #2031

Page 4 of 4

determine safety for the use you contemplate. LESCO makes no warranty of merchantability of fitness for a particular use, nor is there any other express or implied warranty except as may be specifically provided otherwise on product.

LESCO, Inc. assumes no responsibility or liability for any incidental or consequential damages whether related to personal injury or property damage, to vendees, users or third parties, caused by the material and LESCO's responsibility is limited to replacement of, or repayment of, the purchase price for the material(s) with respect to which any damages are claimed. All vendees or users assume all risk associated with the use of the material(s).

For further information, contact: LESCO, Inc. • 15885 Sprague Road • Strongsville, Ohio 44136 or (800) 321-5325.