



## MATERIAL SAFETY DATA SHEET #5001

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### I. PRODUCT IDENTIFICATION

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**PRODUCT NAME:** LESCO® Spreader-Sticker

**Chemical Family:** Mixture of Surfactants

**Chemical Name/Synonyms:** Nonionic general purpose spray adjuvant

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### II. COMPOSITION/INFORMATION ON INGREDIENTS

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CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Formulated with one or more of the following ingredients. Check specific product label.			
Nonionic surfactants	77.4	Not Applicable	Not Established
Fatty acids	12.0	Not Applicable	Not Established

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### III. HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion

**POTENTIAL HEALTH EFFECTS:**

**EYE:** Eye contact may cause irritation, pain, redness, and swelling. Prolonged or repeated eye contact may cause eye damage.

**SKIN:** Prolonged or repeated contact may result in irritation, defatting, and redness.

**INHALATION:** Prolonged or repeated overexposure may cause irritation.

**INGESTION:** Ingestion of large quantities may be harmful. May cause irritation, pain, nausea, and diarrhea.

**MEDICAL CONDITIONS AGGRAVATED:** May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

**POTENTIAL ENVIRONMENTAL HAZARDS:** No data.

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### IV. FIRST AID MEASURES

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**EYES:** Flush with flowing water for at least 15 minutes. Call a physician.

**SKIN:** Wash affected area with soap and water. If irritation develops consult a physician. Remove and launder contaminated clothing before reuse.

**INHALATION:** If difficulty in breathing occurs, move to fresh air. Get immediate medical attention.

**INGESTION:** Get immediate medical attention. Unless advised otherwise, dilute with water and induce vomiting.

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### V. FIRE FIGHTING MEASURES

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**Flash Point (Method Used):** 250F - PMCC

**Lower Explosion Limits:** Not Applicable

**NFPA/HMIS Rating:** Health: 2

**EXTINGUISHING MEDIA:**  Foam  
 Water Fog

**Auto Ignition Temperature:** Not Applicable

**Upper Explosion Limits:** Not Applicable

**Fire:** 1 **Reactivity:** 0

Alcohol Foam  Dry Chemical  
 Other  CO<sub>2</sub>

**EXPLOSION HAZARDS:** Not a fire or explosion hazard when stored under normal conditions.

**FIRE FIGHTING PROCEDURES:** Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Fire fighters should wear butyl rubber boots, gloves, and body suit and a NIOSH/MSHA self-contained breathing apparatus. Use water to cool containers exposed to fire.

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### VI. ACCIDENTAL RELEASE MEASURES

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**RELEASE NOTES:** If material is spilled or released: Product may be toxic to fish or aquatic life. Contain the spill to prevent a large discharge to surface streams or storm sewers. Since landfill operations will not accept liquid waste, allow to dry if possible before collecting for disposal. An absorbent material would aid in cleaning up a liquid spill. If liquid cleanup is necessary, collect in drums, buckets, or other containers.

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### VII. HANDLING AND STORAGE

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**GENERAL PROCEDURES:** Local exhaust. Do not freeze. Avoid unnecessary skin contact. Do not breathe fumes.

**OTHER PRECAUTIONS:** Eye wash fountains should be easily accessible. As with all chemicals, keep out of the reach of children.

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### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Use local exhaust to control excessive vapors/mists.

**PERSONAL PROTECTION EQUIPMENT:**

**EYES AND FACE:** Chemical goggles; wear face shield if splashing hazard exists.

**RESPIRATORY:** If applicable, proper personal protection is a NIOSH/MSHA approved respirator.

**GLOVES:** As necessary to prevent skin contact.

**PROTECTIVE CLOTHING:** Coveralls, apron, boots as necessary to prevent skin contact.

**WORK HYGENIC PRACTICES:** Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure. Safety shower, eye wash fountain, and washing facilities should be readily available.

**COMMENTS:** If exposure limits are exceeded, use a NIOSH/MSHA respirator approved for your conditions of exposure. Traces of ethylene oxide and/or propylene oxide could accumulate in headspace of drums, storage/transport vessels or in enclosed areas where the product is being handled or used. If the product is handled according to the recommendations set forth in the Material Safety Data Sheet, the presence of trace amounts is not expected to result in any short or long-term hazard. Ethylene oxide and propylene oxide are considered as potential carcinogens and reproductive hazards for humans.

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### IX. PHYSICAL AND CHEMICAL PROPERTIES

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**BOILING POINT:** Not Established

**SPECIFIC GRAVITY:** ( $H_2O = 1$ ): ~1.03 @ 68F

**MELTING POINT:** Not Applicable

**EVAPORATION RATE:** Not Established

**VAPOR DENSITY (air = 1):** Heavier than air

**VAPOR PRESSURE:** Not Applicable

**ODOR:** Solvent odor

**SOLUBILITY IN WATER:** 10%

**APPEARANCE:** Colorless to lightly colored liquid

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### X. STABILITY AND REACTIVITY

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**CONDITIONS TO AVOID:** Extremes in temperature. High humidity.

**STABILITY:** Stable

**POLYMERIZATION:** Will not occur

**INCOMPATIBLE MATERIALS:** Bleaching agents (oxidizers). Avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid.

**HAZARDOUS DECOMPOSITION PRODUCTS:** When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides, acetic acid, or other toxic compounds depending on the chemical composition and combustion conditions. However, all of the water must be driven off first for this to occur.

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### XI. TOXICOLOGICAL INFORMATION

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**EYE EFFECTS:** Eye contact with product may cause irritation, pain, redness, and swelling.

Prolonged or repeated eye contact may cause eye damage.

**SKIN EFFECTS:** Prolonged or repeated contact may result in irritation, defatting, and redness.



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DERMAL LC<sub>50</sub>: No data

ORAL LD<sub>50</sub>: No data

INHALATION LC<sub>50</sub>: No data

**SENSITIZATION:** May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

**ACUTE EFFECTS FROM OVEREXPOSURE:** None known

**CHRONIC EFFECTS FROM OVEREXPOSURE:** None known

**CARCINOGENICITY:** This product contains less than 0.1% of the following chemicals which are listed as carcinogens or teratogens or mutagens by one or more of these agencies: IARC, NTP, OSHA, ACGIH or California: Ethylene Oxide, CAS #75-21-8, cancer hazard.

IARC: Listed

NTP: Listed

OSHA: Listed

**OTHER:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

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### XII. ECOLOGICAL INFORMATION

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**ENVIRONMENTAL DATA:** No data

**ECOTOXICOLOGICAL INFORMATION:** No data

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### XIII. DISPOSAL CONSIDERATIONS

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**DISPOSAL METHODS:** Avoid discharge to sewers or waterways. If possible, the product should be dried before disposal. Disposal must be made in accordance with federal, state and local regulations.

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### XIV. TRANSPORTATION INFORMATION:

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**DOT Transportation:** Not Regulated

**Proper Shipping Name:** Soap, NAC, Liquid

**Hazard Class:** Not Applicable

**U.S. Surface Freight Class:** Class 55

**Reportable Quantity (RQ):** Not Applicable

**ID NO.:** Not Applicable

**Marine Pollution #1:** Not Applicable

**HM 181 Shipping Name:** Not Applicable

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### XV. REGULATORY INFORMATION – UNITED STATES

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#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Y Immediate (Acute Health)

SEC 302: Not Applicable

N Delayed (Chronic Health)

SEC 304: Not Applicable

Y Fire

SEC 313: Not Applicable

N Sudden Release of Pressure

CERCLA RQ: Not Applicable

N Reactivity

CAA RQ: Not Applicable

**EPA Registration No.:** Not Applicable

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