



MATERIAL SAFETY DATA SHEET #5001

Page 1 of 3

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I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO® Spreader-Sticker
Chemical Family: Mixture of Surfactants
Chemical Name/Synonyms: Nonionic general purpose spray adjuvant

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.			
Nonionic surfactants	77.4	Not Applicable	Not Established
Fatty acids	12.0	Not Applicable	Not Established

III. HAZARDS IDENTIFICATION

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.

IV. FIRST AID MEASURES

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.

V. FIRE FIGHTING MEASURES

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
 Other
 Dry Chemical
 CO₂

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.

VI. ACCIDENTAL RELEASE MEASURES

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.

VII. HANDLING AND STORAGE

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.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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 HYGIENIC 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.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Established

SPECIFIC GRAVITY: (H₂O = 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

X. STABILITY AND REACTIVITY

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.

XI. TOXICOLOGICAL INFORMATION

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.

DERMAL LC₅₀: No data**ORAL LD₅₀:** No data**INHALATION LC₅₀:** 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 of 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.

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data**ECOTOXICOLOGICAL INFORMATION:** No data

XIII. DISPOSAL CONSIDERATIONS

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.

XIV. TRANSPORTATION INFORMATION:

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

XV. REGULATORY INFORMATION – UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):Y **Immediate (Acute Health)**N **Delayed (Chronic Health)**Y **Fire**N **Sudden Release of Pressure**N **Reactivity****SEC 302:** Not Applicable**SEC 304:** Not Applicable**SEC 313:** Not Applicable**CERCLA RQ:** Not Applicable**CAA RQ:** Not Applicable**EPA Registration No.:** Not Applicable

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