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DATE ISSUED: 1/20/10
SUPERSEDES: NEW

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO® 90/10 Nonionic Surfactant
Chemical Family: Nonionic surfactant blend
Chemical Name/Synonyms: Nonionic blend

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Ethylene Oxide	<.05	75-21-8	1 ppm
Ethanol, 2, 2-oxybis	<20	111-46-6	NE

Substances not 'Hazardous' per OSHA Hazard Communication Standard (29 CFR 1910.1200) may be listed. Where proprietary ingredient shows, the identify may be made available as provided in this standard

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS: May be harmful if swallowed in excessive amounts.
EYE: May cause eye irritation
SKIN: Prolonged contact may cause irritation to skin with local redness on skin
INHALATION: Avoid breathing vapors or spray mist
INGESTION: May cause abdominal discomfort. Aspiration may occur during swallowing, resulting in lung damage.
MEDICAL CONDITIONS AGGRAVATED: No Data
POTENTIAL ENVIRONMENTAL HAZARDS: No Data

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.
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.
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: None known

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): >200F (Pensky-Martens closed cup ASTM D93) **Auto Ignition Temperature:** ND
Lower Explosion Limits: ND **Upper Explosion Limits:** ND
NFPA/HMIS Rating: Health: 1 Fire: 1 Reactivity: 0
EXTINGUISHING MEDIA: Foam Alcohol Foam CO₂
 Dry Chemical Water Spray Other

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

FIRE FIGHTING PROCEDURES: Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus when fighting any fire in an enclosed area.

HAZARDOUS COMBUSTION PRODUCTS: Burning may produce toxic fumes, carbon monoxide, carbon dioxide and oxides of silicon.

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled, absorb with inert material and dispose of in a proper manner. Avoid discharge to natural waters. Wear suitable protective equipment.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not contaminate water, food, or feed by storage or disposal. Store in a cool dry place. Do not store near heat or open flame. Store in original container tightly closed. Do not reuse empty container. There is a potential for trace amounts of ethylene oxide to collect in the head space of shipping and storage containers and in enclosed areas where this product is handled or used. As a result, this product may not be exempt from OSHA's ethylene oxide standard (20 CFR 1910.1047) which may require exposure monitoring, personal protective equipment, training and medical surveillance.

OTHER PRECAUTIONS: Keep out of reach of children.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Normal mechanical ventilation should be satisfactory

PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Safety glasses with side shield, goggles or face shield

RESPIRATORY: None required for normal use

GLOVES: PVC-coated

PROTECTIVE CLOTHING: Long sleeved shirt, long pants, shoes plus socks

WORK HYGIENIC PRACTICES: Use normal safety procedures and good personal hygiene.

COMMENTS: Eye wash station and safety shower recommended where eye and skin contact can occur.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: ND

MELTING POINT: NA

VAPOR DENSITY (air = 1): NA

ODOR: Mild odor

APPEARANCE: Clear, light-brown viscous liquid

pH: NA

SPECIFIC GRAVITY: ~1.2

EVAPORATION RATE (ether = 1): <1

VAPOR PRESSURE: < .5mm

SOLUBILITY IN WATER: Soluble

PERCENT VOLATILE: <1

BULK DENSITY (lbs./cu ft): NA

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Keep away from heat or open flame

STABILITY: Stable

POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: Strong oxidizers such as peroxide

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of silicon

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: No Data

SKIN EFFECTS: No Data

DERMAL LC₅₀: No Data

ORAL LD₅₀: No Data

INHALATION LC₅₀: No Data

SENSITIZATION: No Data

ACUTE EFFECTS FROM OVEREXPOSURE: May cause eye irritation. May cause irritation to skin with local redness. May be harmful if swallowed in excessive amounts.

CHRONIC EFFECTS FROM OVEREXPOSURE: None known

CARCINOGENICITY:

IARC: Not Listed

OSHA: Not Listed



**MATERIAL SAFETY
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NTP: Not Listed

OTHER: CA Prop 65: This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No Data
ECOTOXICOLOGICAL INFORMATION: No Data

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Do not contaminate water, food, or feed by storage or disposal
Product: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

XIV. TRANSPORTATION INFORMATION:

DOT Transportation: Not Regulated	Marine Pollutant #1: NA
Proper Shipping Name: NA	HM 181 Shipping Name: NA
Hazard Class: NA	ID NO.: N
U.S. Surface Freight Class: NA	Reportable Quantity (RQ): NA

XV. REGULATORY INFORMATION – UNITED STATES

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): NA

CERCLA RQ: NA

CAA RQ: NA

EPA Registration No.: NA

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

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