

#38152 & 38160

pg 3

# MATERIAL SAFETY DATA SHEET



CORPORATE HEADQUARTERS  
333 HOLLENBECK STREET  
P.O. BOX 1515  
ROCHESTER, NY 14603-1515 - USA  
BRANCH WAREHOUSES IN PRINCIPAL

Complies with OSHA's 29 CFR  
1910.1200 and State Hazard  
Communication Standards

INFORMATION (716) 336-2200

Medical Emergency Telephone  
(716) 266-2283  
or INFOTRAC 1-800-535-5053

## SECTION 1

PRODUCT IDENTITY: LEMON-AIRE, Deodorizer Concentrate

DATE PREPARED: 8/23/94

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)  
Health: 0/1    Fire: 2/2    Reactivity: 0/0    Special/Personal Protection: None

DOT: Cleaning, scouring or washing compound, n.o.i., liquid (49 CFR 173.150 exception for non-bulk domestic ground shipments).

## SECTION 2

HAZARDOUS COMPONENTS	CAS #	OSHA-PEL	ACGIH-TLV	% BY WT.
Nonylphenol ethoxylate	9016-45-9	None Est.	None Est.	10 max
Deodorizers	Mixture	None Est.	None Est.	2 max.

Also contains fragrance and water.

## SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F

VAPOR PRESSURE: As water

VAPOR DENSITY (air = 1): As water

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Clear, colorless liquid; lemon fragrance.

SPECIFIC GRAVITY: 1.000

PERCENT VOLATILE: Not Determined

EVAPORATION RATE: As water

pH: 7 ± 1

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 145°F (TCC)

FLAMMABLE LIMITS: None established

Product is an aqueous solution containing a small amount of volatile fragrance oil which does not sustain combustion or present a significant fire hazard.

EXTINGUISHING MEDIA: As appropriate for surrounding fire; product is mostly oil which does not sustain combustion or present a significant fire hazard.

SPECIAL FIREFIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## SECTION 5: REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition, as in a fire, may release oxides of carbon and nitrogen.

38152, 38160

38152 + 38160

Pg 4

**MATERIAL SAFETY DATA SHEET: LEMON-AIRE**  
PAGE 2 OF 2

**SECTION 6: HEALTH AND HAZARD DATA**

**ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: ACUTE:** Eyes: contact with liquid may cause irritation. Prolonged skin contact may cause irritation. Prolonged exposure to spray mist may irritate eyes, nose, lungs. Ingestion may cause irritation, nausea, vomiting.

**CHRONIC EFFECTS:** None known.

**CARCINOGENS:** None listed under OSHA, IARC, or NTP.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing respiratory or skin disorders.

**EMERGENCY AND FIRST AID PROCEDURES:** Eyes: immediately flush with plenty of water for at least 15 minutes while holding eyelids open to ensure complete rinsing. Promptly remove contact lenses if worn. Get immediate medical attention. Skin: flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation persists or burns develop. Inhalation: remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation persists or symptoms develop later. Ingestion: DO NOT INDUCE VOMITING. Give a glass of water or milk to dilute. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE**

**SPILL OR LEAK PROCEDURES: SMALL SPILLS:** Flush with water.

**LARGE SPILLS:** Dike to contain spill, reclaim all possible. Flush remainder with water.

**WASTE DISPOSAL METHOD:** Dispose of as detergent in accordance with Federal, State and local regulations.

**HANDLING AND STORING: CAUTION:** Detergent concentrate. Store in cool, dry area. Keep container closed when not in use.

**OTHER PRECAUTIONS:** Do not get in eyes. Avoid breathing mists or vapors.

**SECTION 8: CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None normally required. NIOSH approved respirator for dusts or mists as needed if spray mist in air causes irritation.

**VENTILATION:** General an/or local exhaust ventilation mist in air causes irritation.

**GLOVES:** Rubber or plastic as needed to avoid prolonged contact.

**EYE PROTECTION:** Safety glasses with side shields.

**OTHER PROTECTIVE EQUIPMENT:** Facilities for flushing eyes should be available in the work area.

**WORK/HYGIENIC PRACTICES:** Wash skin thoroughly after handling

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree.

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.