



MATERIAL SAFETY DATA SHEET

HMIS: Health- 1 Flammability- 1 Reactivity- 0 Pers. Protection- N  
 WHMIS: B 3, D 2 B

NFPA: Health- 1 Flammability- 1 Reactivity- 0 Special Hazard- N

Section 1: Product and Company Identification

Product: Nilium, Lemon  
 NILODOR, INC.  
 10966 INDUSTRIAL PARKWAY NW  
 BOLIVAR, OHIO 44612, USA

Synonyms: none

Non-Emergency: US 800-443-4321  
 International 010-330-874-1017

24 hr Emergency Spill Information:  
 Chem-Tel, Inc.  
 US, Canada: 800-255-3924. International:  
 1-813-248-0584

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Yellow Liquid with lemon aroma  
 NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : Not classified as flammable  
 Health Hazards Listed : Can irritate eyes and skin  
 Ecological Hazards Listed : None known  
 Potential Health Effects: See section 11 for more information.  
 Likely Routes of Exposure: Mouth and skin

Eye: Wash with copious amounts of clean water  
 Skin: Wash with soap and water  
 Ingestion: Give water or milk to drink if conscious  
 Inhalation: Remove to fresh air

Medical Conditions Aggravated By Exposure:  
 Allergies to fragrances  
 Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.  
 This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
 Potential Environmental Effects: (See section 12 for more information.)  
 None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Non-ionic Surfactant	NA	6-9	Y
Sodium Xylene Sulfonate	1300-72-7	3-6	Y

Odor Counteractant	NA	0.5-1.5	N
Ethanol	64-17-5	0.5-1.5	Y
Water	7732-18-5	70-90	N

#### Section 4. First Aid Measures

Eye Contact:	Hold eyelids open and flush with running water
Skin Contact:	Wash with soap and water
Inhalation:	Remove to fresh air
Ingestion:	If conscious, give milk or water to drink. Never give anything by mouth to an unconscious person.
Note to Physicians:	Not considered a hazardous material. If irritation occurs, treat symptomatically

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Water fog, dry chemical, carbon dioxide. HAZCHEM CODE 3 Y
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon and nitrogen
Protection of Firefighters:	As appropriate for surrounding fire. If fire has not reached product, cans can be cooled by water spray to reduce probability of bursting.

#### Section 6. Accidental Release Measures

Personal Precautions:	Keep away from eyes and skin.
Environmental Precautions:	Keep out of surface waters.
Methods for Containment:	Dike with sand, clay, or other absorbent.
Methods for Clean-Up:	Absorb with sand, clay, or other absorbent.
Other Information:	Dispose in accordance with regulations.

#### Section 7. Handling and Storage

##### HANDLING

Use care to avoid contact with skin and eyes. Moderate eye irritant; prolonged exposure may irritate skin.

##### STORAGE

Keep in closed, original container at ambient conditions (5° - 50°C)

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Non-ionic Surfactant	NA	NA
Sodium Xylene Sulfonate	NA	NA
Odor Counteractant	None established	Not determined
Ethanol	TLV 1000 ppm	7060 mg/kg
Water	Not applicable	Not applicable

Engineering Controls: Normal ventilation

Eye/Face Protection: Protective goggles suggested

Skin Protection: Normally unnecessary. Rubber gloves optional for direct contact.

Respiratory Protection: Normally unnecessary.

General Hygiene Considerations: Keep out of food and beverages. Do not ingest product.

#### Section 9. Physical and Chemical Properties

Color: Yellow	Odor: Lemon
Physical State: Liquid	Odor Treshhold:
pH: 6.0-8.0	Freezing Point: Not determined

Evaporation Rate: Not determined. Similar to water.

Boiling Point: 100°C / 212 F

Flash Point: >96°C / >205 F PMCC

Flammability(solid,gas): Not classified as flammable by criteria of NOHSC, IMO, or ICAO

Upper Flammability Limit: Not determined

Lower Flammability Limit: Not determined

Vapor Pressure: As water

Specific Gravity: 1.01

Vapor Density: Not determined

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight:  
< 2.5 including defined fragrances

Solubility (water): Miscible

Percent Volatile: 85 - 90 including water

#### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: Does not undergo hazardous decomposition

Possibility of Hazardous Reactions: None known

#### Section 11. Toxicology Information

##### ACCUTE EFFECTS

Oral LD50: Not established for mixture. Weighted average more than 5000 mg/kg

Dermal LD50: Not classified as toxic by skin contact. Weighted average more than 12 grams per kilogram.

Inhalation: Not classified as toxic by inhalation. Weighted average more than 10 milligrams per Liter.

Eye Irritation: Moderate irritant if in direct contact with eyes

Skin Irritation: May irritate skin on prolonged contact

Sensitization: None known

##### CHRONIC EFFECTS

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

#### Section 12. Ecological Information

Ecotoxicity: Not established. Components not considered ecotoxic.

Persistence/Degradability: Biodegradable.

Bioaccumulation/Accumulation: None known

Mobility in Environment: Not determined.

#### Section 13. Disposal Considerations

Disposal: Dispose of in accordance with regulations.

#### Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a hazardous material.

CANADA TDG (ground)

Proper Shipping Description: Not a dangerous good.

ICAO (air)

Proper Shipping Description: Not a dangerous good.

IMDG (water)

Proper Shipping Description: Not a dangerous good.

Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : Does not contain reportable quantities of any SARA 313 substances.

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

Does not contain any known Proposition 65 substances.

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, D 2 B

Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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