



MATERIAL SAFETY DATA SHEET

HMIS:

Health- 0 Flammability- 1 Reactivity- 0 Pers.

Protection- N

WHMIS: B 3

NFPA:

Health- 0 Flammability- 1 Reactivity- 0 Special Hazard-

N

Section 1: Product and Company Identification

Product: Nilomist, Lemon

Synonyms:

NIODOR, INC.

10966 INDUSTRIAL PARKWAY NW

BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800-443-4321

24 hr Emergency Spill Information:

Chem-Tel, Inc.

International 010-330-874-1017

US, Canada: 800-255-3924. International:

1-813-248-0584

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Light yellow liquid; characteristic lemon aroma

NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : Not classified as flammable

Health Hazards Listed : Not applicable

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Skin, eyes

Eye: Direct exposure can irritate

Skin: Prolonged or repeated exposure can irritate

Ingestion: Not expected to be a problem

Inhalation: Not likely to be a problem

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	0.25-1.0	Y
Ethanol	64-17-5	<0.5	Y

Trade Secret Fragrance Mixture	none	0.1 - 1.0	N
Sodium Xylene Sulfonate	1300-72-7	1-1.5	Y
Water	7732-18-5	85-95	N
Non-ionic Surfactant	68439-46-3	1-2	Y

Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician
Skin Contact:	Wash with soap and water
Inhalation:	Remove to fresh air
Ingestion:	Give water or milk to drink if conscious
Note to Physicians:	

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	As for surrounding fire
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon, nitrogen, sulfur
Protection of Firefighters:	As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions:	Reasonable care. Keep away from eyes and skin
Environmental Precautions:	Keep out of surface waters
Methods for Containment:	Dike with sand, clay or other suitable material
Methods for Clean-Up:	Absorb on sand, clay or other suitable material or mop up with water.
Other Information:	

Section 7. Handling and Storage

HANDLING

Reasonable care

STORAGE

Keep out of the reach of children. Store in original container at ambient temperature (below 60°C/140°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Non-ionic Surfactant	NA	NA
Ethanol	1000 ppm	7060 mg/kg
Trade Secret Fragrance Mixture	None established	Not determined
Sodium Xylene Sulfonate	NA	NA
Water	Not applicable	Not applicable
Non-ionic Surfactant	NA	4000 mg/kg
Engineering Controls:	Not normally necessary	
Eye/Face Protection:	Protective goggles recommended if handling large quantities	
Skin Protection:	Rubber or other protective gloves recommended if handling large quantities	
Respiratory Protection:	Not normally necessary	
General Hygiene Considerations:	Reasonable care. Keep out of food and beverages	

Section 9. Physical and Chemical Properties

Color: Light yellow

Odor: Characteristic lemon scent

Physical State: Liquid	Odor Treshhold:
pH: 6.5-8.0	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: >96°C/>205°F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble
Less than 2%	Percent Volatile: More than 95% including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatable Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 30 grams per kilogram.
Dermal LD50:	Not determined for mixture. Weighted average more than 60 grams per kilogram.
Inhalation:	Not determined for mixture. Weighted average more than 70 mg per Liter.
Eye Irritation:	Direct contact can cause moderate irritation
Skin Irritation:	Prolonged or repeated contact can cause moderate irritation
Sensitization:	None known

CHRONIC EFFECTS

Carcinogenicity:	None known
Mutagenicity:	None known
Reproductive Effects:	None known
Developmental Effects:	None known

Section 12. Ecological Information

Ecotoxicity:	None known
Persistence/Degradability:	Biodegradable
Bioaccumulation/Accumulation:	None known
Mobility in Enviroment:	Not applicable

Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State or Provincial, and Local 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 : No SARA 313 substances present at reportable levels

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

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

B 3

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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