



MATERIAL SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 2 Reactivity- 0 Pers. Protection- N

NFPA:

Health- 1 Flammability- 2 Reactivity- 0 Special Hazard- N

WHMIS: B 3, D 2 B

Section 1: Product and Company Identification

Product: Nilium, Orange

Synonyms: Orange Nilium

NILODOR, INC.

10966 INDUSTRIAL PARKWAY NW
BOLIVAR, OHIO 44612, USA

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: Transparent Orange liquid, orange aroma

Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : R 10: Flammable Liquid

Health Hazards Listed : May be a mild irritant

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	6-9	Y
Odor Counteractant	NA	0.5-1.5	N

Water	7732-18-5	70-90	N
Ethanol	64-17-5	0.5-1.5	Y
Sodium Xylene Sulfonate	1300-72-7	3-6	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:	Water, foam, carbon dioxide, dry chemical
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:	Keep away from skin and eyes
Environmental Precautions:	Keep out of surface waters
Methods for Containment:	Dike with sand, clay or other suitable material
Methods for Clean-Up:	Absorb with sand, clay or other suitable material
Other Information:	

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes

STORAGE

Original container at ambient temperatures (5-50°C; 40 - 120°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

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

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: Keep out of food and beverages

Section 9. Physical and Chemical Properties

Color: Transparent orange	Odor: Orange
Physical State: Liquid	Odor Treshhold:
pH: 6.5-7.5	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: 100°C/212°F

Flash Point: 67°C/154°F PMCC

Flammability(solid,gas): Not applicable

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:

Solubility (water): Soluble

Less than 5%

Percent Volatile: 75 - 80% including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible 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 2500 milligrams per kilogram.

Dermal LD50: Not determined for mixture. Weighted average more than 5 grams per kilogram.

Inhalation: Not determined for mixture. Weighted average more than 6 milligrams per Liter.

Eye Irritation: Direct contact can irritate. If eyes are not rinsed immediately, irritation can become moderate to severe.

Skin Irritation: Prolonged or repeated contact can irritate or dry skin.

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 Environment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State 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 pf 1986 :(Proposition 65)

No Proposition 65 Substances present

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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