



### MATERIAL SAFETY DATA SHEET

**HMIS:**

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

**NFPA:**

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

WHMIS: B 3, D 2 B

#### Section 1: Product and Company Identification

Product: Nilium, Spice

Synonyms: Spice 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: Colourless or pale yellow liquid with characteristic spicy/cinnamon aroma

Classified as hazardous by the criteria of NOHSC.

##### WARNING

Flammability : Not classified as flammable

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
Water	7732-18-5	65-75	Y
Non-ionic Surfactant	NA	8-10	Y

Ethanol	64-17-5	0.5-1.5	Y
Sodium Xylene Sulfonate	1300-72-7	3-6	Y
Cinnamaldehyde	104-55-2	2-4	Y
Odor Counteractant	NA	1.0-2.0	N

#### Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids apart. 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 (5-60°C; 40 - 140°F)

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

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	NA	NA
Non-ionic Surfactant	NA	NA
Ethanol	TLV 1000 ppm	7060 mg/kg
Sodium Xylene Sulfonate	NA	NA
Cinnamaldehyde	None established	2220 mg/kg
Odor Counteractant	NA	NA

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles recommended if handling large quantities

Skin Protection: Rubber or other protective gloves 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: Colourless to pale yellow	Odor: Spicy, cinnamon
Physical State: Liquid	Odor Treshhold:

pH: 6.5 - 7.5

Evaporation Rate: As water

Flash Point: >96°C/>205°F PMCC

Upper Flammability Limit: Not determined

Vapor Pressure: As water

Vapor Density: Not determined

Volatile Organic Compound (VOC), %weight:

Less than 7%

Freezing Point: Not determined

Boiling Point: 100°C/212°F

Flammability(solid,gas): Not applicable

Lower Flammability Limit: Not determined

Specific Gravity: 1.01

Auto-ignition Temperature: Not determined

Solubility (water): Soluble

Percent Volatile: 85% 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

##### ACUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 4400 milligrams per kilogram.

Dermal LD50: Not determined for mixture. Weighted average more than 9000 milligrams per kilogram.

Inhalation: Not determined for mixture. Weighted average more than 10 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 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
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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, D 2 B

Section 16. Other Information
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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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