



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, Spice
 NILODOR, INC.
 10966 INDUSTRIAL PARKWAY NW
 BOLIVAR, OHIO 44612, USA

Synonyms: Spice Nilium

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
pH: 6.0-8.0
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%

Odor Treshhold:
Freezing Point: Not determined
Boiling Point: 100°C/212°F
Flammability(solid,gas): Not applicable
Lower Flammabilty 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
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 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 Enviroment: 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

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

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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