



MATERIAL SAFETY DATA SHEET

HMIS:

 Health– 2 Flammability– 2 Reactivity– 0 Pers.
 Protection– B

NFPA:

 Health– 2 Flammability– 2 Reactivity– 0 Special
 Hazard– N

WHMIS: B 3, D 2 B

Section 1: Product and Company Identification

Product: Nilecho Oil–Soluble Deodorizer Synonyms:

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: Yellow liquid

Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : R 10: Flammable Liquid

Health Hazards Listed : R 36: Irritating to eyes. R 38: Irritating to skin.

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: Can cause digestive distress

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 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
Trade Secret Fragrance Mixture	none	10 – 30	N

Cinnamaldehyde	104-55-2	5-10	Y
d-Limonene	5989-27-5	5-10	Y
n-Pentyl Acetate	628-63-7	5-10	Y
Methyl Salicylate	119-36-8	5-10	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:	Induction of vomiting is NOT advised; product consists of fragrance oils.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Foam, carbon dioxide, dry chemical.
Unsuitable Extinguishing Media:	Water. Bulk liquid could float on the surface of water and keep burning.
Products of Combustion:	Oxides of carbon and nitrogen
Protection of Firefighters:	As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes
Environmental Precautions:	Keep liquid 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
Other Information:	

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Keep out of the reach of children. Store in closed, original container at ambient temperatures (below 50°C; 120°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Trade Secret Fragrance Mixture	None established	>= 1000 MG/KG
Cinnamaldehyde	None established	2220 mg/kg
d-Limonene	None established	>5000 mg/kg
n-Pentyl Acetate	TLV 50 ppm	14000 mg/kg
Methyl Salicylate	None established	887 mg/kg

Engineering Controls: Not normally necessary.

Eye/Face Protection: Not normally necessary.

Skin Protection: Not normally necessary.

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Keep out of food and beverages

Section 9. Physical and Chemical Properties

Color: Yellow to amber	Odor: Characteristic spicy aroma
Physical State: Liquid	Odor Treshhold:

pH: Not applicable: non-aqueous	Freezing Point: Not determined
Evaporation Rate: Not determined	Boiling Point: Greater than 150°C/300°F
Flash Point: 60°C/141°F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined
Vapor Pressure: Less than 1 Torr at 20°C	Specific Gravity: 0.98
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: 100%, all fragrance	Solubility (water): Insoluble
	Percent Volatile: 100%, all fragrance

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 1500 mg/kg.
Dermal LD50:	Not determined for mixture. Weighted average more than 1000 mg/kg.
Inhalation:	Not determined for mixture. Weighted average more than 3 mg/L.
Eye Irritation:	Direct contact can result in severe irritation
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
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US DOT (ground)
Proper Shipping Description: Not Regulated
CANADA TDG (ground)
Proper Shipping Description: Not Regulated
ICAO (air)
Proper Shipping Description: UN1169, Extracts, Aromatic, Liquid Class 3, Packaging Group III
IMDG (water)

Proper Shipping Description: UN1169, Extracts, Aromatic, Liquid Class 3, Packaging Group III, Flash Point 60°C CC, EMS F-E, S-D

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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