

Sheet No. 55

Revision Date: 01 February 2007

**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: Nilodor Tap-A-Drop,  
Original****Synonyms: Original Tap-A-Drop****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 in dispenser bottle

Classified as hazardous by the criteria of NOHSC.

**WARNING**

Flammability : Not classified as flammable

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: 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**

<b>Component</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>WHMIS Controlled</b>
Methyl Salicylate	119-36-8	10 - 30	Y
Cinnamaldehyde	104-55-2	7 - 13	Y
d-Limonene	5989-27-5	3 - 7	Y

n-Pentyl Acetate	628-63-7	1 - 5	Y
Lemongrass Oil	8007-02-1	1 - 5	Y
Myrcene	123-35-3	0.1 - 1.0	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:	Ingestion of large amounts is unlikely. Induction of vomiting is NOT advised

#### 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:	In the unlikely event of a large spill, 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

Closed, original container at ambient temperatures (below 50°C; 120°F)

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

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Methyl Salicylate	None established	887 mg/kg
Cinnamaldehyde	None established	2220 mg/kg
d-Limonene	None established	>5000 mg/kg
n-Pentyl Acetate	TLV 50 ppm	14000 mg/kg
Lemongrass Oil	None established	>5000 mg/kg
Myrcene	None established	>5000 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 in dispenser bottle  
pH: Not applicable  
Evaporation Rate: Not determined  
Flash Point: 65Â°C/149Â°F PMCC  
Upper Flammability Limit: Not determined  
Vapor Pressure: Less than 1 Torr at 20Â°C  
Vapor Density: Not determined  
Volatile Organic Compound (VOC),%weight:  
100%, all fragrance

Odor Treshhold:  
Freezing Point: Not determined  
Boiling Point: Greater than 150Â°C/300Â°F  
Flammability(solid,gas): Not applicable  
Lower Flammabilty Limit: Not determined  
Specific Gravity: 0.97  
Auto-ignition Temperature: Not determined  
Solubility (water): Insoluble  
Percent Volatile: 100%, all fragrance

### 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 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 2.75 milligrams per Liter.  
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 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 REGULATED  
CANADA TDG (ground)  
Proper Shipping Description: NOT REGULATED  
ICAO (air)  
Proper Shipping Description: NOT REGULATED  
IMDG (water)

Proper Shipping Description: NOT REGULATED

### 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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