



MATERIAL SAFETY DATA SHEET

HMIS:

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

NFPA:

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

WHMIS: Non-hazardous

Section 1: Product and Company Identification

Product: Encapsulating Pre-Spray

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: Pale yellow liquid, characteristic aroma

NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : NA

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 exposure can irritate

Ingestion: May cause nausea

Inhalation: May cause irritation when used with inadequate ventilation

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 | 50-90 | N |
| Sodium Xylene Sulfonate | 1300-72-7 | <10 | Y |

| | | | |
|-------------------------------|--------------|------|---|
| Nonionic Surfactants | Mixture | <15% | Y |
| Proprietary Fragrance Mixture | Trade Secret | <1 | N |
| Sodium Citrate | 6132-04-3 | <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. If irritation persists, seek medical attention. |
| Ingestion: | Give water to drink if conscious. Do not induce vomiting. Seek medical attention. |
| 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: | None known. |
| Protection of Firefighters: | As for surrounding fire |

Section 6. Accidental Release Measures

| | |
|----------------------------|---|
| Personal Precautions: | Keep away from skin and eyes. Use safety goggles and gloves. |
| Environmental Precautions: | Keep out of surface waters |
| Methods for Containment: | Dike area with sand, clay or other suitable material. |
| Methods for Clean-Up: | Absorb on sand, clay or other suitable material or mop up with water. |
| Other Information: | |

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Original container at ambient temperatures (below 55°C/130°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

| COMPONENT: | TWA: | LD-50 |
|-------------------------------|------------------|------------------|
| Water | Not applicable | Not applicable |
| Sodium Xylene Sulfonate | None established | None established |
| Nonionic Surfactants | NA | NA |
| Proprietary Fragrance Mixture | None established | Not established |
| Sodium Citrate | 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: Pale yellow | Odor: Mild characteristic aroma |
| Physical State: Liquid | Odor Treshhold: |
| pH: 8.5-10.5 | Freezing Point: Not determined |
| Evaporation Rate: As water | Boiling Point: 100°C/212°F |

Flash Point: >96 C / >205 F PMCC

Flammability(solid,gas): Not applicable

Upper Flammability Limit: Not determined

Lower Flammability Limit: Not determined

Vapor Pressure: As water

Specific Gravity: 1.02-1.05

Vapor Density: Not determined

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight:

Solubility (water): Soluble

Less than 2

Percent Volatile: Not determined

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: Strong acids

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 10 grams per kilogram.

Dermal LD50: Not classified as toxic by skin contact. Weighted average more than 10 grams per kilogram.

Inhalation: Not classified as toxic by inhalation. Weighted average more than 8 milligrams per Liter.

Eye Irritation: Direct contact can irritate eyes

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 government 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

Non-hazardous

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|-------------------------------|
| 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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