



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: Not regulated

Section 1: Product and Company Identification

Product: NILOGEL (Non-Chlorinated)      Synonyms: Nilogel, Non-Chlorinated  
NILODOR, INC.

10966 INDUSTRIAL PARKWAY NW

BOLIVAR, OHIO 44612, USA

Non-Emergency:  
US 800-443-4321

24 hr Emergency Spill Information:  
Chem-Tel, Inc.

International 010-330-874-1017

US, Canada: 800-255-3924. International:  
1-813-248-0584

Section 2. Hazards Identification

**EMERGENCY OVERVIEW**

Appearance/Odor:      Fine white powder  
NOT 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
Sodium Polyacrylate	25608-12-2	40 - 60	N

Starch	9005-25-8	40 – 60	N
Trade Secret Fragrance Mixture	None	0.5 – 1.5	N
Cinnamaldehyde	104-55-2	0.1 – 1.0	Y
Methyl Salicylate	119-36-8	0.1 – 1.0	Y

#### Section 4. First Aid Measures

Eye Contact:	Flush 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:	Forms a gel with liquids, including gastric fluid. Large quantities of water will spread gel into a slurry than can be rinsed out of eyes. Gel is soft.

#### 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 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 out of surface waters.
Methods for Containment:	If slurry, dike with sand, clay or other suitable material. Gel or unwetted powder will not flow.
Methods for Clean-Up:	Scoop or shovel up for disposal.
Other Information:	

#### Section 7. Handling and Storage

##### HANDLING

Keep dry and away from skin and eyes

##### STORAGE

Keep in closed, original container at ambient temperatures (5-50°C)

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

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Sodium Polyacrylate	None established	>5000 mg/kg
Starch	None established	>5000 mg/kg
Trade Secret Fragrance Mixture	None established	Not determined
Cinnamaldehyde	None established	2220 mg/kg
Methyl Salicylate	None established	887 mg/kg

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: Dust mask or respirator recommended if handling large quantities

General Hygiene Considerations: Keep out of food and beverages

#### Section 9. Physical and Chemical Properties

Color: White

Odor: Spicy

Physical State: Fine powder  
pH: Not applicable  
Evaporation Rate: Not applicable  
Flash Point: Not applicable  
Upper Flammability Limit: Not determined  
Vapor Pressure: Less than 0.01 Torr at 20°C  
Vapor Density: Not determined  
Volatile Organic Compound (VOC),%weight:  
Less than 2%, all fragrance

Odor Treshhold:  
Freezing Point: Not applicable  
Boiling Point: Not applicable  
Flammability(solid,gas): Not considered flammable  
Lower Flammabilty Limit: Not determined  
Specific Gravity: Not applicable. Bulk density, tapped,  
not less than 0.45 g/mL  
Auto-ignition Temperature: Not determined  
Solubility (water): Forms gel with up to 100 times its  
mass; forms slurry with larger quantities of water  
Percent Volatile: Less than 2%, 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 1200 mg/kg.  
Dermal LD50: Not determined. Weighted average more than 2 grams per kilogram.  
Inhalation: Not determined. No components classified as toxic by inhalation at concentrations present. Weighted average more than 3 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: Not determined  
Mobility in Enviroment: Not determined

#### Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State 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

Not regulated

Section 16. Other Information
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Refers to product made on or after 9 March 2006

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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