



MATERIAL SAFETY DATA SHEET

HMIS: Health- 1 Flammability- 1 Reactivity- 0 Pers. Protection- N
 WHMIS: Not regulated

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

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
 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: 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

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

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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