



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	9003-04-7	40 - 60	N
Starch	9005-25-8	40 - 60	N

Odor Counteractant	NA	1-3	N
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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
Odor Counteractant	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: 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	Odor Treshhold:
pH: Not applicable	Freezing Point: Not applicable
Evaporation Rate: Not applicable	Boiling Point: Not applicable
Flash Point: Not applicable	Flammability(solid,gas): Not considered flammable
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined

Vapor Pressure: Less than 0.01 Torr at 20°C

Specific Gravity: Not applicable. Bulk density, tapped, not less than 0.45 g/mL

Vapor Density: Not determined

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC), %weight:

Solubility (water): Forms gel with up to 100 times its mass; forms slurry with larger quantities of water

Less than 2%, all fragrance

Percent Volatile: Less than 2%, 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 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 Environment: 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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