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

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.

Risk Phrases: R22 - Harmful if swallowed
R36 - Irritating to eyes
R37 - Irritating to respiratory system

Safety Phrases: S2 - Keep out of the reach of children
S7 - Keep container tightly closed
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Hazard Phrases: H335 - May cause respiratory irritation

Precautionary P233 - Keep container tightly closed.
Phrases: P234 - Keep only in original container.  
P280 - Wash thoroughly after handling.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>% by Weight</th>
<th>WHMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>40 - 60</td>
<td>N</td>
</tr>
<tr>
<td>Odor Counteractant</td>
<td>NA</td>
<td>1-3</td>
<td>N</td>
</tr>
<tr>
<td>Sodium Polyacrylate</td>
<td>9003-04-7</td>
<td>40 - 60</td>
<td>N</td>
</tr>
</tbody>
</table>

### 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
Starch None established >5000 mg/kg
Odor Counteractant NA NA
Sodium Polyacrylate None established >5000 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 Odor Treshold:
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

ACUTE 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 pf 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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