SAFETY DATA SHEET

Section 1: Product and Company Identification

Product: ULTIMATE Degreaser
Synonyms:
NILODOR, INC.
10966 INDUSTRIAL PARKWAY NW
BOLIVAR, OHIO 44612, USA

Non-Emergency: 24 hr Emergency Spill Information:
US 800-443-4321 Chem-Tel, Inc.
International +01-330-874-1017 US, Canada: 800-255-3924. International:
+01-813-248-0585

Section 2. Hazards Identification

EMERGENCY OVERVIEW
Appearance/Odor: Colourless liquid

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: R36/37/38 - Irritating to eyes, respiratory system and skin

Safety Phrases: S2 - Keep out of the reach of children
S13 - Keep away from food, drink and animal feedingstuffs
S37/39 - Wear suitable gloves and eye/face protection

Hazard Phrases: H303 - May be harmful if swallowed
H335 - May cause respiratory irritation

Precautionary Phrases: P233 - Keep container tightly closed.
P234 - Keep only in original container.
P235 - Keep cool.
Likely Routes of Exposure: Skin, eyes
Eye: Direct exposure can irritate
Skin: Prolonged exposure can irritate
Ingestion: Not expected to be a problem
Inhalation: Not likely to be a problem

Medical Conditions Aggravated By Exposure:
None known

Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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>Water</td>
<td>7732-18-5</td>
<td>80 - 100</td>
<td>N</td>
</tr>
<tr>
<td>Nonionic Surfactant Blend</td>
<td>N/A</td>
<td>1-5%</td>
<td>Y</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>1-5%</td>
<td>Y</td>
</tr>
</tbody>
</table>

### 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.
- **Ingestion:** Give water or milk to drink if conscious.
- **Note to Physicians:** Skin contact may produce a temporary bleaching effect.

### 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:** Dike with sand, clay or other suitable material.
- **Methods for Clean-Up:** Absorb with sand, clay or other suitable material.
- **Other Information:** Hydrogen peroxide in contact with soil or metals will decompose to water and oxygen.

### Section 7. Handling and Storage

**HANDLING**
Keep away from metals, skin and eyes.

**STORAGE**
EXPOSURE GUIDELINES

COMPONENT: TWA: LD-50
Water Not applicable Not applicable
Nonionic Surfactant Blend Mists TLV 10 mg/cu m 707 mg/kg
Sodium Carbonate Dust 10 mg/cubic meter 4090 mg/kg

Engineering Controls: Not normally necessary
Eye/Face Protection: Face shield 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild fresh scent</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>10.0-12.0</td>
</tr>
<tr>
<td>Odor Treshold</td>
<td></td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>As water</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;100C / &gt;212F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;205 F PMCC</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>As water</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Volatile Organic Compound (% weight)</td>
<td>&lt; 1 %</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Soluble</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>More than 95% including water</td>
</tr>
</tbody>
</table>

Section 10. Stability and Reactivity

Stability: See below
Conditions to Avoid:
Incompatible Materials: Metals other than stainless steel, soil
Hazardous Decomposition Products: Decomposition products not hazardous
Possibility of Hazardous Reactions: Very low. Under some conditions will decompose to water and oxygen, but not Hazardously at this concentration

Section 11. Toxicology Information

ACUTE EFFECTS
Oral LD50: Not determined for mixture. Weighted average more than 300 grams per kilogram.
Dermal LD50: Not toxic by skin contact. Weighted average more than 200 grams per kilogram.
Inhalation: Not toxic by inhalation. Weighted average more than 400 milligrams per liter.
Eye Irritation: Direct contact can irritate eyes
Skin Irritation: Prolonged or repeated contact can irritate skin. Skin contact can cause temporary bleaching.
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 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

California Safe Drinking Water and Toxic Enforcement Act pf 1986 : (Proposition 65)
No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

Section 16. Other Information

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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