**MATERIAL SAFETY DATA SHEET**

**Sparkle I**

**8700**

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**MSDS** Name: Sparkle I

Catalog Numbers: 041009, 04305, 0701101

Synonyms: Pinnacle Sparkle I, P-322-0, P-322-5

Company Identification: Fisher Scientific

1 Reagent Lane

Fair Lawn, NJ 07410

Emergency Number: 201-795-7100

For CHEMTREC assistance, call 800-424-9300

**SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>4979-15-8</td>
<td>Sodium carbonate</td>
<td>&lt; 30</td>
</tr>
<tr>
<td>9014-45-9</td>
<td>Ethylene oxide-nonylphenolpolyether</td>
<td>10</td>
</tr>
<tr>
<td>25155-30-0</td>
<td>Sodium dodecybenzenesulfonate</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>Non-hazardous ingredients</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 3 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

Appearance: White

Warning: May be harmful if swallowed. Eye contact may result in permanent eye damage. May cause severe eye and skin irritation with possible burns. May cause respiratory and digestive tract irritation.

Target Organs: None

**SECTION 4 - FIRST AID MEASURES**

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**Skin:**

Get medical aid immediately. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Ingestion:**

If victim is conscious and alert, give 2-4 cupsfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Inhalation:**

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid immediately.

**Notes to Physicians:**

Treat symptomatically and supportively.

**SECTION 5 - FIRE FIGHTING MEASURES**

**General Information:**

In any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear. Material will not burn.

**Extinguishing Media:**

Use extinguishing media most appropriate for the surrounding fire.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

**SECTION 7 - HANDLING AND STORAGE**

**Handling:**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated gloves.

**Storage:**

Store in a cool, dry, well-ventilated area away from incompatible substances. Keep container tightly closed.

**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Engineering Controls:**

Use adequate ventilation to keep airborne concentrations low.

**Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>MAC/OSHA</th>
<th>NIOSH</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>none listed</td>
<td>none listed</td>
<td>none listed</td>
</tr>
<tr>
<td>Ethylene oxide-nonylphenolpolyether</td>
<td>none listed</td>
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<td>none listed</td>
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</tr>
</tbody>
</table>

**OSHA Vacated FEELS:**

Sodium carbonate: none listed

Ethylene oxide-nonylphenolpolyether: none listed

Sodium dodecybenzenesulfonate: none listed

**Personal Protective Equipment**

**Eyes:**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA’s eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Respirators:**

A respiratory protection program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 140 must be followed whenever workplace conditions warrant a respirator’s use.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:**

Solid

**Odor:**

Odorless

**pH:**

9.5-10 in solution.

**Vapor Pressure:**

Not available.

**Vapor Density:**

Not available.

**Evaporation Rate:**

Not available.

**Mass Loss on Heating:**

Not available.

**Boiling Point:**

Not available.

**Melting Point:**

Not available.

**Autoignition Temperature:**

Not available.

**Flash Point:**

Not available.

**NFPA Rating:**

Not available.

**Explosion Limits, Lower:**

Not available.

**Explosion Limits, Upper:**

Not available.

**Decomposition Temperature:**

Not available.
**SECTION 10 - STABILITY AND REACTIVITY**

Chemical Stability: Stable.
Conditions to Avoid: Incompatible materials.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

NTECS:
CAS #: 497-19-8: VSA050000
CAS #: 9016-45-9: AX02475000 MD9900000 MD99005000 MS4900000 WC49500500 WC49500500 WC49500500 WC49500500 WC49500500
CAS #: 25155-30-0: D69825000
LD50/LC50:
CAS #: 497-19-8: Inhalation, mouse: LC50 < 1200 mg/m3/24 hr; Inhalation, rat: LC50 = 2350 mg/m3/24 hr; Oral, mouse: LD50 < 5000 mg/kg; Oral, rat: LD50 = 4000 mg/kg.
CAS #: 9016-45-9: Oral, mouse: LD50 = 350 mg/kg; Oral, rat: LD50 = 4000 mg/kg; Skin, rabbit: LD50 = 2 gm/kg.
CAS #: 25155-30-0: Oral, mouse: LD50 = 1330 mg/kg; Oral, rat: LD50 = 430 mg/kg.

Carcinogenicity:
Sodium carbonate - Not listed by AOCS, IARC, NIOSH, NTP, or OSHA.
Ethylene oxide-1,1-dimethyl, 1,1-dimethylpolymer - Not listed by AOCS, IARC, NIOSH, NTP, or OSHA.
Sodium dodecylbenzenesulfonate - Not listed by AOCS, IARC, NIOSH, NTP, or OSHA.

**SECTION 12 - ECOLOGICAL INFORMATION**

Biodegradability:
CAS #: 497-19-8:
LC50(6hr.,96hr.) = 320 mg/l; Static Conditions

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations.

**SECTION 14 - TRANSPORT INFORMATION**

US DOT:
No information available.

Canadian TDG:
No information available.

**SECTION 15 - REGULATORY INFORMATION**

US FEDERAL

TSCA:
CAS #: 497-19-8 is listed on the TSCA inventory.
CAS #: 9016-45-9 is listed on the TSCA inventory.
CAS #: 25155-30-0 is listed on the TSCA inventory.

Health & Safety Reporting List:
None of the chemicals in this product are on the Health & Safety Reporting List.

Chemical Test Rules:
None of the chemicals in this product are under a Chemical Test Rule.

Section 12b:
None of the chemicals are listed under TSCA section 12b.

TSCA Significant New Use Rule:
None of the chemicals in this material have a SNUR under TSCA.

SARA