**MATERIAL SAFETY DATA SHEET**

**NAME:** GILLETTE CLEAR STICK ANTI-PERSPIRANTS AND DEODORANTS  
**CAS NO:** NA  
**Effective Date:** 11/06/02  
**Rev:** 3

### A. — IDENTIFICATION

<table>
<thead>
<tr>
<th>Composition* (1% or greater)</th>
<th>%</th>
<th>Formula:</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol (57-55-6)</td>
<td></td>
<td>Molecular Weight:</td>
<td>NA</td>
</tr>
<tr>
<td>Al/Zr Tetrachlorohydrex-Gly</td>
<td></td>
<td>Synonyms:</td>
<td>Right Guard: Active, Adventure, Fresh Gillette Series: Arctic Ice, Cool Wave, Pacific Light, Wild Rain</td>
</tr>
<tr>
<td>Dibenzylidine Sorbitol (32647-67-9)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fragrance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diisopropyl Sebacate (7491-02-3)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B. — PHYSICAL DATA

<table>
<thead>
<tr>
<th>Boiling Point (°F)</th>
<th>Melting Point (°F)</th>
<th>Freezing Point (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Specific Gravity (H_2O=1)</td>
<td>NA</td>
<td>VA</td>
</tr>
<tr>
<td>Evaporation (Ether =1)</td>
<td>NA</td>
<td>VA</td>
</tr>
<tr>
<td>% Volatiles &gt; 85</td>
<td>Solubility in Water (by volume@ °F)</td>
<td>Disperses</td>
</tr>
</tbody>
</table>

**Appearance/Color:** Clear, fragranced solid  
**Flash Point and Test Method(s):** Not Applicable  
**Flammable Limits in Air (% by volume):** Lower NA % Upper NA %

### C. — REACTIVITY

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
<th>Polymerization</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>X stable</td>
<td>Extreme heat</td>
<td>Unstable</td>
<td>Thermal degradation may produce oxide of carbon and nitrogen; hydrocarbons and derivatives</td>
</tr>
<tr>
<td></td>
<td></td>
<td>may occur</td>
<td>Will not occur</td>
</tr>
<tr>
<td></td>
<td>Incompatible Materials</td>
<td>Strong oxidizers</td>
<td></td>
</tr>
</tbody>
</table>

**Footnotes:**  
NA=Not Available  

**GMEL#** 4014.3
### D. — HEALTH HAZARD DATA

**Occupational Exposure Limits (PEL's, TLV's, etc.)**

- **8-Hour TWAs:**
  - Aluminum Soluble Salts, as Al, 2 mg/m³ (OSHA/ACGIH/U.K.)
  - Zirconium Compounds, as Zr, 5 mg/m³ (OSHA/ACGIH/U.K./Germany)

These levels are not anticipated under normal use conditions.

**Warning Signals**

- Not applicable

**Routes/Effects of Exposure**

1. **Inhalation**
   - No adverse effects anticipated from normal use.

2. **Ingestion**
   - Nausea and possible vomiting may occur.

3. **Skin**
   - **Contact**
     - No adverse effects anticipated from normal use.
   - **Absorption**
     - Not anticipated.

4. **Eye Contact**
   - Irritation may occur.

5. **Other**
   - Not applicable

### E. — ENVIRONMENTAL IMPACT

1. **Applicable Regulations**
   - Not applicable

2. **DOT Hazard Class**
   - Not applicable

3. **DOT Shipping Name**
   - Not applicable

4. **ICAO/IATA Classification**
   - Not applicable

**Environmental Effects**

- Not applicable
### F. — EXPOSURE CONTROL METHODS

**Engineering Controls**

- **General ventilation**

**Eye Protection**

None under normal use conditions.

**Skin Protection**

None under normal use conditions.

**Respiratory Protection**

None under normal use conditions.

**Other**

Not applicable.

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### G. — WORK PRACTICES

**Handling and Storage**

No unusual handling or storage requirements. Storage in large quantities (as in warehouse) should be in a well ventilated, cool area.

**Normal Clean Up**

Wipe up with towel, etc., and place in container for disposal. Wash residue with water.

**Waste Disposal Methods**

Dispose in accordance with applicable local, state and federal regulations.
H. — EMERGENCY PROCEDURES

Steps to be taken if material is released to the environment or spilled in the work area
Not applicable.

<table>
<thead>
<tr>
<th>Fire and Explosion Hazard</th>
<th>Extinguishing Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable.</td>
<td>As for adjacent fire. Dry chemical, foam, carbon dioxide, water fog.</td>
</tr>
</tbody>
</table>

**Firefighting Procedures**

In fires involving large quantities of products, self-contained breathing apparatus should be used.

I. — FIRST AID AND MEDICAL EMERGENCY PROCEDURES

**Eyes**
The eyes should be washed with clear tepid water.

**Skin**
Not applicable.

**Inhalation**
No adverse effects anticipated from normal use.

**Ingestion**
Consult physician.

**Notes to Physician**
If large amounts have been ingested, and vomiting has not occurred, the physician may, at their discretion, administer an emetic or mechanically empty the stomach.

Replace 4025.3
APS-3048-1324, APS-3049-1330, APS 3047-1314, APS-3048-1324, APS-3046-1274, APS-3680-1721

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.