Material Safety Data Sheet (SW3)

Section I - Identification Information

<table>
<thead>
<tr>
<th>Substance/Trade Name</th>
<th>Supplier Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde-Free Preserved Dads, Rate Rabbits</td>
<td>SARGENT-WELCH</td>
</tr>
</tbody>
</table>

Section II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>CAS #</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>% Occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glutaraldehyde, (Pentanedial)</td>
<td>111-30-8</td>
<td>N/A</td>
<td>N/A</td>
<td>Non-recommended</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>N/A</td>
<td>N/A</td>
<td>None recommended</td>
<td>10</td>
</tr>
<tr>
<td>Phenol</td>
<td>108-95-2</td>
<td>SPPM</td>
<td>SPPM</td>
<td>None recommended</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

Section III - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>100°C</td>
</tr>
<tr>
<td>Flash Point (flam.液)</td>
<td>74°C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.06</td>
</tr>
<tr>
<td>Melting Point</td>
<td>7.6°C</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>Non</td>
</tr>
</tbody>
</table>

Section IV - Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (flam.液)</td>
<td>140°F</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>450°F</td>
</tr>
<tr>
<td>UL Spray Nozzle:</td>
<td>1.7%</td>
</tr>
<tr>
<td>UL Liquid:</td>
<td>8.5%</td>
</tr>
</tbody>
</table>

Extinguishing Media

- Use carbon dioxide or dry chemical extinguisher for fire.
- Wear fire fighting protective equipment and a self-contained breathing apparatus. Treat as combustible liquid.

Unusual Fire and Explosive Hazards

- None specified.
Section V – Reactivity Data

Stability
- Unstable X
- Stable

Incompatibility (Materials to Avoid)
- Acids, alkalis and oxidizing materials.
- Avoid high temperatures above 200°F and removal of water.

Preservatives, Decomposition or Byproducts
- Hydrocarbons (when burned) carbon monoxide

Inerting Agent: May Occur
- Conditions to Avoid
- Heat sparks and open flames.

Section VI – Health Hazard Data

Route(s) of Entry:
- Inhalation? Yes
- Skin? Yes
- Ingestion? Yes

Health Hazard (Acute and Chronic)
Repetitive contact with skin may cause sensitization in some people, resulting in allergic contact dermatitis.

Carcinogenicity:
- NTP: No
- IARC Monographs: No
- OSHA Regulated: No

Eyes and Symptoms of Exposure
- SKIN: Severe irritation; EYES: Severe irritation; INGESTION: Toxic; INHALATION: Severe irritation

Medical Conditions Generally Aggravated by Exposure

When sufficient amounts are absorbed, the effects can be increased and irregular heart rate, low blood pressure, difficult breathing, cough, and skin discoloration. Death can occur in minutes. Chemical concentrations in the mixture are not anticipated to produce these effects.

Emergency and First Aid Procedures
- SKIN: Wash skin for 15 minutes with soap and water. Treat any burns. EYES: Flush with water for 15 minutes. INHALATION: Move victim promptly to fresh air. Give oxygen if breathing is difficult. INGESTION: Do not induce vomiting. Give nothing by mouth if unconscious. Seek medical attention if any of the above symptoms persist.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled:
- Ventilate area; wear gloves and protective eye gear. SMALL SPILLS: Take up with absorbent. LARGE SPILLS: Dike and take up with absorbent. Collect.

Containment Method
- Dispose of contaminated product and materials used in cleaning up spills or leaks in a suitable container. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

Precautions to Be Taken in Handling and Storage
- Use in well-ventilated areas. Keep in container tightly closed when not in use. Keep away from heat and ignition sources.

Other Precautions
- Keep out of reach of children. Do not ingest. Avoid skin contact. Do not get in eyes.

Section VIII – Control Measures

Respiratory Protection (Specific Types)

Uses in ventilated area

Ventilation:
- Local exhaust should be sufficient with use of covered container.
- Mechanical: NA

Protective Gloves
- Yes
- Eye Protection: Safety glasses – chemical splash goggles

Other Protective Clothing or Equipment
- Long-sleeved shirt, trousers, and safety shoes. Eye wash station and safety showers should be available in the immediate vicinity of any potential exposure.

Waste Management Practices
- Avoid contamination of food. Launder contaminated clothing before wearing.

FOR ADDITIONAL INFORMATION
Contact Ranaco’s Safety Manager during business hours at (520)790-7737

NOTICE: RANACO expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein.