Material Safety Data Sheet
May be used to comply with OSHA’s Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

IDENTITY (As Used on Label and List)
Tris-ep Hard Surface Disinfectant

Section I
Manufacturer's Name
H & P Industries, Inc.
Address (Number, Street, City, State, and ZIP Code)
9640 South 60th Street
Franklin, WI 53132

Emergency Telephone Number
414-421-3300
Telephone Number for Information
414-421-3300
Date Prepared
06/17/92
Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Component (Specific Chemical Identity; Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glutaraldehyde C5H8O2</td>
<td>Ceiling 0.2PPM</td>
<td>Ceiling 0.2PPM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phenol C6H5OH Carbolic Acid</td>
<td>5 PPM</td>
<td>5 PPM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Glutaraldehyde in this product is 0.15% - OSHA PEL is N/A, ACGIH TLV is N/A
Phenol in this product is 1% at time of formulation. Subsequently, the phenol binds with inert buffer to form inert salt - phenolate sodium
OSHA PEL is N/A, ACGIH TLV is N/A

NaOH + C6H5OH → C6H5NaO + H2O

Section III — Physical/Chemical Characteristics
Boiling Point
188°C

Specific Gravity (H2O = 1)
1.13 at 20°C

Vapor Pressure (mm Hg.)
15 mm HG (200)

Melting Point
N/A

Vapor Density (AIR = 1)
N/A

Evaporation Rate (Butyl Acetate = 1)
N/A

Solubility in Water
Complete

Appearance and Odor
100 Platinum Cobalt, Slightly Formaldehyde

Section IV — Fire and Explosion Hazard Data
Flash Point (Method Used)
None - ASTM D56

Flammable Limits
None

LEL
N/A

UEL
N/A

Extinguishing Media
N/A

Special Fire Fighting Procedures
N/A

Unusual Fire and Explosion Hazards
N/A

OSHA 174, Sept. 1985
Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Stable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>x</td>
<td>Do Not store in high heat areas</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid): Strong oxidizers and reducers

Will corrode carbon steel if left for long periods of time.

Hazardous Decomposition or Byproducts: N/A

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>Will Not Occur</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NA</td>
<td>NA</td>
<td>x</td>
</tr>
</tbody>
</table>

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? x  Skin? x  Ingestion? x

Health Hazards (Acute and Chronic): Slight eye and respiratory inflammation

Carcinogenicity: NTP? N/A  IARC Monographs? N/A  OSHA Regulated? N/A

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure: None reported to date

Emergency and First Aid Procedures: Skin — flush with water. Eye — flush with water, see physician as with all eye accidents. Inhalation — may cause slight headache. Ingestion — may cause diarrhea.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Clean with water

Waste Disposal Method: Dispose of normal liquid waste

Precautions to Be Taken in Handling and Storing: Do not store in high heat areas, do not freeze, in case of skin contact — clean as normal.

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type): N/A

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Mecanical (General)</th>
<th>Special</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>x</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Protective Gloves: Not required  Eye Protection: Not required

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Good hygenic practices