1. PRODUCT AND COMPANY IDENTIFICATION

Product Name  
Xeroform (3.4%)

Use/Size  
Gauze wound dressing / 4" x 3 yd.

Product Numbers  
8884-432000

Manufacturer/Supplier  
Tyco Healthcare/ Kendall

Address  
15 Hampshire Street
Mansfield, MA  02048

Phone Number  
(508) 261-8000 (Monday – Friday 8:00 am to 5:00 pm)

Chemtrec Number  
(800) 424-9300

Revision Date:  
January 30, 2004

MSDS Date:  
September 22, 1998

This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200)

2. COMPOSITION/INFORMATION ON THE COMPONENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS#/Codes</th>
<th>Concentration</th>
<th>R Phrases</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Jelly</td>
<td>8009-03-8</td>
<td>&gt; 90.00%</td>
<td>R-None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>232-373-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bismuth Tribromophenate</td>
<td>5175-83-7</td>
<td>3.00 -10.00%</td>
<td>R-None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>225-958-9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

EU Main Hazards  
Not classified as hazardous.

Routes of Entry  
- Eye contact  - Ingestion - Skin

Carcinogenic Status  
Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs  
- Eye - Skin

Health Effects - Eyes  
Contact may cause slight transient irritation.

Health Effects - Skin  
This product is non-irritating to the skin and skin absorption is not associated with any health effects.

Health Effects - Ingestion  
A large dose may have the following effects:  
- nausea - vomiting - diarrhea - abdominal pain - intestinal obstruction

Health Effects - Inhalation  
No adverse effects are expected during normal conditions of use.
4. FIRST AID MEASURES

Eyes
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin
If skin irritation develops, or other symptoms occur, discontinue use. Seek medical attention if symptoms persist.

Ingestion
Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.

Inhalation
If there is difficulty in breathing, give oxygen. Seek medical attention if symptoms persist.

Advice to Physicians
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media
Not Flammable. Select extinguishing agent appropriate to other materials involved.

Unusual Fire and Explosion Hazards
None known.

Protective Equipment for Fire-Fighting
Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

This product, in final form, is a petrolatum gauze dressing, and is not expected to present a spill or release hazard. No specific measures necessary.

7. HANDLING AND STORAGE

Keep container tightly closed when not in use. Storage area should be: cool - dry - well ventilated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards
Exposure limits are listed below, if they exist.

Petroleum Jelly
None assigned.

Bismuth Tribromophenate
None assigned.

Engineering Control Measures
No specific measures necessary.
8. EXPOSURE CONTROLS/PERSOAL PROTECTION

Respiratory Protection
Respiratory protection not normally required.

Hand Protection
Skin protection not normally required.

Eye Protection
Eye protection not normally required. However, care should be taken to avoid accidental exposure.

Body Protection
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Ointment
Color: Mustard - Yellow
Odor: Slight Phenolic
pH: No data.
Boiling Range/Point (°C/F): No data.
Melting Point (°C/F): No data.
Flash Point (PMCC) (°C/F): No data.
Explosion Limits (%): No data.
Vapor Pressure: No data.
Density: No data.
Solubility in Water: Insoluble
Vapor Density (Air = 1): No data.
Viscosity (cSt): No data.

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to Avoid
- Heat - High temperatures

Materials to Avoid
- Strong oxidizing agents

Hazardous Polymerization
Will not occur.

Hazardous Decomposition Products
- acrid smoke and irritating fumes - oxides of carbon – oxides of bismuth – hydrobromic acid

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
In dermal toxicity studies, this product was not found to be a primary skin irritant when applied to rabbit skin for 24 or 48 hours.
11. TOXICOLOGICAL INFORMATION

**Chronic Toxicity/Carcinogenicity**
This product is not expected to cause long-term adverse health effects.

**Genotoxicity**
This product is not expected to cause any mutagenic effects.

**Reproductive/Developmental Toxicity**
This product is not expected to cause reproductive or developmental health effects.

12. ECOLOGICAL INFORMATION

**Mobility**
No relevant studies identified.

**Persistence/Degradability**
No relevant studies identified.

**Bio-accumulation**
No relevant studies identified.

**Ecotoxicity**
No relevant studies identified.

13. DISPOSAL

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

**DOT CFR 172.101 Data**
Not Regulated

**UN Proper Shipping Name**
Not Regulated

**UN Class**
None.

**UN Number**
None.

**UN Packaging Group**
None.

**Classification for AIR Transportation (IATA)**
Consult current IATA Regulations prior to shipping by air.

15. REGULATORY INFORMATION

**EU Label Information**
Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

**EU Hazard Symbol and Indication of Danger**
According to EC Commission Directive 67/548/EEC this product is not classified

**R phrases**
None.

**S phrases**
None.
15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TSCA Listing</strong></td>
</tr>
<tr>
<td>All ingredients have been verified for inclusion on the EPA Toxic Substance Control Act Chemical Substance Inventory.</td>
</tr>
<tr>
<td><strong>EINECS Listing</strong></td>
</tr>
<tr>
<td>All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.</td>
</tr>
<tr>
<td><strong>DSL/NDSL (Canadian) Listing</strong></td>
</tr>
<tr>
<td>This product contains bismuth tribromophenate, which is listed on the Non-Domestic Substance List (NDSL). All other ingredients in this product are listed on the Domestic Substance List (DSL).</td>
</tr>
<tr>
<td><strong>MA Right To Know Law</strong></td>
</tr>
<tr>
<td>This product does not contain any chemicals listed on the Massachusetts Right To Know Substance List.</td>
</tr>
<tr>
<td><strong>PA Right To Know Law</strong></td>
</tr>
<tr>
<td>This product does not contain any chemicals on the Pennsylvania Hazardous Substance List.</td>
</tr>
<tr>
<td><strong>NJ Right To Know Law</strong></td>
</tr>
<tr>
<td>This product does not contain any chemicals on the New Jersey Workplace Hazardous Substance List.</td>
</tr>
<tr>
<td><strong>California Proposition 65</strong></td>
</tr>
<tr>
<td>This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.</td>
</tr>
<tr>
<td><strong>SARA Title III Sect. 302 (EHS)</strong></td>
</tr>
<tr>
<td>This product does not contain any chemicals subject to SARA Title III Section 302.</td>
</tr>
<tr>
<td><strong>SARA Title III Sect. 304</strong></td>
</tr>
<tr>
<td>This product does not contain any chemicals subject to SARA Title III Section 304.</td>
</tr>
<tr>
<td><strong>SARA Title III Sect. 311/312 Categorization</strong></td>
</tr>
<tr>
<td>This product does not meet any of the SARA Title III Section 311/312 categorizations.</td>
</tr>
<tr>
<td><strong>SARA Title III Sect. 313</strong></td>
</tr>
<tr>
<td>This product does not contain a chemical that is listed in Section 313 at or above de minimis concentrations.</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Code for Flammability - 0</td>
</tr>
<tr>
<td>NFPA Code for Health - 0</td>
</tr>
<tr>
<td>NFPA Code for Reactivity - 0</td>
</tr>
<tr>
<td>NFPA Code for Special Hazards - 0</td>
</tr>
<tr>
<td><strong>HMIS Ratings</strong></td>
</tr>
<tr>
<td>HMIS Code for Flammability - 0</td>
</tr>
<tr>
<td>HMIS Code for Health - 0</td>
</tr>
<tr>
<td>HMIS Code for Reactivity - 0</td>
</tr>
<tr>
<td>HMIS Code for Personal Protection - See Section 8</td>
</tr>
</tbody>
</table>

**Abbreviations**

N/A: Denotes no applicable information found or available
16. OTHER INFORMATION

CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
EU: European Union
R: Risk
S: Safety
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
BOD: Biological Oxygen Demand
KoC: Soil Organic Carbon Partition Coefficient

Prepared By: EnviroNet LLC.

The information and recommendations presented in this MSDS are based on sources believed to be accurate; therefore, The Kendall Company assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.