1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: TENDERWRAP UNNA-BOOT
Use/Size: Gauze wound dressing
Product Numbers: 8033, 8034
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 14, 1999

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>Petrolatum</td>
<td>8009-03-8</td>
<td>&gt;15.00%</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>Zinc Oxide</td>
<td>1314-13-2</td>
<td>15.00-30.00%</td>
<td>R-None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>215-222-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>15.00-30.00%</td>
<td>R-None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>200-289-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum Compound</td>
<td>Trade Secret</td>
<td>&lt;10.00%</td>
<td>R-None</td>
<td>None</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION

EU Main Hazards
Not classified as hazardous.

Routes of Entry
- Eye contact - Ingestion – Skin Contact

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
Material may cause slight irritation on prolonged or repeated contact.

Health Effects - Ingestion
A large dose may have the following effects:
- nausea - vomiting - diarrhea - abdominal pain - 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 may be collected by carefully scooping into a pan, paper towel or other absorbent material. Transfer into suitable containers for recovery or disposal. 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.

**Petrolatum**
None assigned.

**Zinc Oxide**
None assigned.

**Glycerin**
None assigned.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Petroleum Compound
None assigned.

Engineering Control Measures
No specific measures necessary.

Respiratory Protection
Respiratory protection not normally required.

Hand Protection
Skin protection not normally required.

Eye Protection
Chemical goggles or safety glasses with side shields

Body Protection
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Putty</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>pH</td>
<td>No data.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No data.</td>
</tr>
<tr>
<td>Boiling Range/Point (°C/F)</td>
<td>No data.</td>
</tr>
<tr>
<td>Melting Point (°C/F)</td>
<td>No data.</td>
</tr>
<tr>
<td>Flash Point (PMCC) (°C/F)</td>
<td>Exceeds 300 F.</td>
</tr>
<tr>
<td>Explosion Limits (%)</td>
<td>No data.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data.</td>
</tr>
<tr>
<td>Density</td>
<td>No data.</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility in Water</td>
<td>No data.</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>No data.</td>
</tr>
<tr>
<td>Viscosity (cSt)</td>
<td>No data.</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to Avoid
- Heat - High temperatures

Materials to Avoid
- Strong oxidizing agents
10. STABILITY AND REACTIVITY

Hazardous Polymerization
Will not occur.

Hazardous Decomposition Products
- acrid smoke and irritating fumes  
  - oxides of carbon  
  - zinc oxide fumes

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Low order of acute toxicity predicted.
Zinc Oxide: Oral LD50 (mouse) 7950 mg/kg. A 500 mg dose applied to the rabbit eye for 24 hours caused mild irritation.

Chronic Toxicity/Carcinogenicity
Zinc Oxide: Long-term inhalation exposure (15 mg/m^3/8 hours/84 days) in rats caused pulmonary inflammation and changes in pulmonary function. In multidose studies with guinea pigs, inhalation exposure (4600-5900 ug/m^3/3-6 days) caused changes in the respiratory organs and biochemical effects.

Genotoxicity
Zinc Oxide: DNA damage (E.coli); cytogenetic analysis (rat, in vivo); oncogenic transformation, unscheduled DNA synthesis, and sister chromatid exchange (hamster, embryo); unscheduled DNA synthesis (guinea pig, in vivo).

Reproductive/Developmental Toxicity
Zinc Oxide: Oral administration to rats during pregnancy (6846 mg/kg) caused developmental abnormalities and an increased incidence of stillbirths.

12. ECOLOGICAL INFORMATION

Mobility
No relevant studies identified.

Persistence/Degradability
No relevant studies identified.

Bio-accumulation
No relevant studies identified.

Ecotoxicity
(Glycerin)
Tests on the following species gave a 24h LC50 >5000 mg/litre - goldfish

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.
14. TRANSPORT INFORMATION

UN Packaging Group
None.

Classification for AIR
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

R phrases
None.

S phrases
None.

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing
This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

EINECS Listing
All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.

DSL (Canadian) Listing
All ingredients in this product are listed on the Domestic Substance List (DSL).

MA Right To Know Law
All components have been checked for inclusion on the Massachusetts Substance List (MSL). Those components present at or above the de minimus concentration include: - Glycerin

PA Right To Know Law
This product contains the following chemicals found on the Pennsylvania Hazardous Substance List:
- Zinc Oxide - Glycerin

NJ Right To Know Law
This product contains the following chemicals found on the NJ Right To Know Hazardous Substance List: - Zinc Oxide - Gum Acacia

California Proposition 65
This product does not contain materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 302 (EHS)
This product does not contain any chemicals subject to SARA Title III Section 302.

SARA Title III Sect. 304
This product does not contain any chemicals subject to SARA Title III Section 304.

SARA Title III Sect. 311/312 Categorization
Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard
15. REGULATORY INFORMATION

SARA Title III Sect. 313
This product contains a chemical that is listed in Section 313 at or above de minimis concentrations.
The following listed chemicals are present: - Zinc Oxide (1314-13-2)

16. OTHER INFORMATION

NFPA Ratings
NFPA Code for Flammability - 0
NFPA Code for Health - 0
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards - 0

HMIS Ratings
HMIS Code for Flammability - 0
HMIS Code for Health - 0
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8

Abbreviations
N/A: Denotes no applicable information found or available
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.