1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name: Bone Wax
Product Description: Hemostat
Manufacturer/Supplier: CP Medical
Address: 803 NE 25th Avenue
Portland, OR 97232
Phone Number: (503) 232-1555
Revision Date: August 1, 2007
MSDS Date: January 10, 2007

2. HAZARDS IDENTIFICATION

EU Main Hazards
Not classified as hazardous.

Routes of Entry
- Eye contact
- Skin contact

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

Target Organs
- Skin

Health Effects - Eyes
Contact may cause transient irritation.

Health Effects - Skin
Prolonged, repeated contact with material may cause skin irritation.

Health Effects - Ingestion
Ingestion is not likely to occur during normal handling and use.

Health Effects - Inhalation
Inhalation is not a route of entry under normal conditions of use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS#/EC#</th>
<th>Concentration</th>
<th>R Phrases</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Palmitate</td>
<td>142-91-6</td>
<td>5-20%</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>205-571-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waxes</td>
<td>Proprietary</td>
<td>75-95%</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

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.
4. FIRST AID MEASURES

**Skin**
Wash skin thoroughly with soap and water. Continue washing for at least 15 minutes. Obtain medical attention if redness or soreness persists.

**Ingestion**
Obtain medical attention if symptoms occur.

**Inhalation**
Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention if symptoms occur.

**Advice to Physicians**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Extinguishing Media**
Use water spray, foam, dry chemical or carbon dioxide.

**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

Sweep or vacuum up and transfer into suitable containers for disposal. Prevent the material from entering drains or water courses.

7. HANDLING AND STORAGE

Keep away from heat and sources of ignition. Storage area should be dry, well ventilated, and away from incompatible materials. Store at temperatures below 77°F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Standards**

**Isopropyl Palmitate**
None assigned.

**Paraffin Wax Fume**
ACGIH TLV: 2 mg/m³ TWA

**Engineering Control Measures**
No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

**Respiratory Protection**
Respiratory protection not normally required.

**Hand Protection**
Chemical resistant gloves
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection
Safety glasses with side shields

Body Protection
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State  Solid
Color            White to off-white
Odor            Slight wax-like odor
pH              Not applicable.
Specific Gravity 0.95
Boiling Range/Point (°C/F) Not applicable.
Melting Point    Not applicable.
Flash Point (PMCC) (°C/F) Not applicable.
Vapor Pressure  Not applicable.
Solubility in Water Insoluble
Vapor Density (Air = 1) Not applicable.

10. STABILITY AND REACTIVITY

Stability  Stable under normal conditions.

Conditions to Avoid
- Sources of ignition – heat – high temperatures

Materials to Avoid
Strong oxidizing agents

Hazardous Polymerization
Will not occur.

Hazardous Decomposition Products
- oxides of carbon – oxides of sulfur – oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Mild inflammatory reactions have been reported in tissues immediately adjacent to the site of the implantation. Bone Wax may enhance an existing infection.

Chronic Toxicity/Carcinogenicity
No relevant studies identified.
11. TOXICOLOGICAL INFORMATION

Genotoxicity
No relevant studies identified.

Reproductive/Developmental Toxicity
No relevant studies identified.

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 CONSIDERATIONS

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  Consult current IATA Regulations prior to shipping by air.
Transportation (IATA)  

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(2001/60/EC and 2006/8/EC)

EU Hazard Symbol and Indication of Danger

R phrases
None.

S phrases
None.
15. REGULATORY INFORMATION

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

**TSCA Listing**
This product contains ingredient(s) that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical (TSCA) 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) are exempt from listing.

**WHMIS Classification**
D.2.B
This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.

**MA Right To Know Law**
This product contains the following chemicals listed on the Massachusetts Right To Know Substance List: Paraffin Wax (8002-74-2) < 30%

**PA Right To Know Law**
This product contains the following chemicals on the Pennsylvania Hazardous Substance List: Paraffin Wax (8002-74-2) < 30%

**NJ Right To Know Law**
This product does not contain any chemicals on the New Jersey Workplace Hazardous Substance List.

**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. 311/312 Categorization**
Immediate (Acute) Health Hazard

**SARA Title III Sect. 313**
This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

16. OTHER INFORMATION

**NFPA Ratings**
NFPA Code for Flammability - 1
NFPA Code for Health - 1
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards – None

**HMIS Ratings**
HMIS Code for Flammability - 1
HMIS Code for Health - 1
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8
16. OTHER INFORMATION

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
R: Risk
S: Safety
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
BOD: Biological Oxygen Demand
KoC: Soil Organic Carbon Partition Coefficient
Xi: Irritant
Xn: Harmful
F: Highly Flammable

Prepared By: EnviroNet LLC.

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