

**SECTION 1 : Identification of the substance/preparation and of the company / undertaking**

**(a) GHS product identifier**

Pemaco Utility Wax or  
Pemaco Ortho Wax

**(e) Emergency phone number**

CHEMTREC 1-800-424-9300  
CCN9105

**(b) Other means of identification**

N/A

**(c) Recommended use of the chemical and restrictions on use**

Dental wax

**(d) Supplier's details**

Garreco, LLC.  
430 Hiram Road  
Heber Springs, AR 72543  
Phone: (800) 334-1443

**SECTION 2: Hazards identification**

**(a) GHS classification of the substance/mixture**

**Substance Name**

Microcrystalline Wax  
Paraffin  
Protopet

**(b) Label Elements**

**Hazard statements**

NONE

**Precautionary statements**

NONE

**Hazard Symbol(s)**

None

**Signal Word(s)**

None

**(c) Other hazards which do not result in classification**

N/A

**SECTION 3: Composition/information on ingredients**

**(a) Chemical(s) Identity:**

**(b) Common Name:**

Microcrystalline Wax  
Paraffin  
Petroleum Jelly

**(c) CAS No.**

63231-60-7  
8002-74-2  
8009-03-8

**Mixture:**

**Concentration (Percentage)**

80-85%  
10-15%  
1-5%

**SECTION 4: First-aid measures****(a) Description of first aid measures:**

**IF IN EYES:** Flush with cold water and seek medical attention. Irritation is possible. Burns can occur if product is molten.

**IF ON SKIN:** Flush with cold water and seek medical attention. Do not remove clothing or peel solidified product off the skin. This product is not absorbed by the skin. Irritation is possible. Burns can occur if product is molten.

**IF INHALED:** Avoid vapors from (over)heated product. Remove to fresh air. Irritation is possible.

**IF SWALLOWED:** This is a non-toxic product. Consult a physician. Irritation is possible.

**(b) Most important symptoms and effects, both acute and delayed:**

**IF IN EYES:** Flush with cold water and seek medical attention. Irritation is possible. Burns can occur if product is molten.

**IF ON SKIN:** Flush with cold water and seek medical attention. Do not remove clothing or peel solidified product off the skin. This product is not absorbed by the skin. Irritation is possible. Burns can occur if product is molten.

**(c) Indication of any immediate medical attention and special treatment needed:**

Irritation in eyes or skin.

**SECTION 5: Fire-fighting measures****(a) Suitable extinguishing media:**

Foam, powder, water spray, Carbon Dioxide. Do not use a heavy water stream.

**(b) Special hazards arising from the chemical or mixture:**

Thermal decomposition generates carbon oxides and irritating volatile organic compounds.

**(c) Special protective equipment and precautions for fire-fighters:**

Wear self-contained breathing apparatus, rubber boots, and thick rubber gloves. Protect containers with water spray.

**SECTION 6: Accidental release measures****(a) Personal precautions, protective equipment and emergency procedures:**

Refer to Section 8.

**(b) Environmental precautions:**

Prevent entry to sewers and public waters (prevent clogging).

**(c) Methods and material for containment and cleaning up:**

Allow product to solidify if molten. Remove solidified product.

**SECTION 7: Handling and storage**

**(a) Precautions for safe handling:**

Use with caution around heat, sparks, static electricity and open flames.

**(b) Conditions for safe storage, including any incompatibilities:**

Store in a cool, dry well ventilated storage area away from direct sunlight. Do not store near oxidizing agents or strong acids.

**SECTION 8: Exposure controls/Personal protection**

**(a) Control parameters:**

Chemical	ACGIH	OSHA
	TLV	PEL TWA
Microcrystalline Wax	None Established	None Established
Parrafin	None Established	None Established
Petroleum Jelly	None Established	None Established

**(b) Appropriate Engineering Controls:**

None.

**(c) Individual protection measures:**

Normally none are needed.

**SECTION 9: Physical and chemical properties**

<b>(a) Appearance:</b>	White waxy solid
<b>(b) Odor:</b>	Typical wax odor
<b>(c) Odor threshold:</b>	Not determined
<b>(d) pH:</b>	Not determined
<b>(e) Melting point / freezing point:</b>	155-210° F
<b>(f) Initial boiling point and boiling range:</b>	Not determined
<b>(g) Flash point</b>	Approximately 200° C
<b>(h) Evaporation rate (BuAc=1):</b>	Not applicable
<b>(i) Flammability:</b>	Not applicable
<b>(j) Upper/lower flammability or explosive limits:</b>	Not applicable
<b>(k) Vapor Pressure:</b>	Not applicable
<b>(l) Vapor density:</b>	Not applicable
<b>(m) Relative density:</b>	Approximately 0.95
<b>(n) Solubility:</b>	Not water soluble
<b>(o) Partition coefficient: n-octanol/water:</b>	Not applicable
<b>(p) Auto-ignition temperature:</b>	Not determined
<b>(q) Decomposition temperature:</b>	Approximately 200° C
<b>(r) Viscosity:</b>	Not determined

**SECTION 10: Stability and reactivity**

- (a) **Reactivity:** This product is not reactive under the conditions listed in Section 7.
- (b) **Chemical stability:** This product is stable under the conditions in Section 7.
- (c) **Possibility of hazardous reactions:** No available data
- (d) **Conditions to avoid:** Oxidizing agents, strong acids, direct sunlight, heat, sparks, static electricity and open flame.
- (f) **Hazardous decomposition products:** Irritating gases when overheated; refer to Section 5.

**SECTION 11: Toxicological information**

**Acute toxicity**

<b>Skin corrosion/irritation</b>	Not classified
<b>Serious Eye Damage / Irritation</b>	Not classified
<b>Respiratory or skin sensitization</b>	Not classified
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	Not classified
<b>STOT-single exposure</b>	Not classified
<b>STOT-repeated exposure</b>	Not classified
<b>Aspiration Hazard</b>	Not classified

- (a) **Exposure route:** N/D
- (b) **Symptoms related to the physical, chemical and toxicological characteristics:** N/D
- (c) **Delayed and immediate effects and also chronic effects from short and long tem exposure:** N/D
- (d) **Numerical measures of toxicity:** N/D

**SECTION 12: Ecological information**

- (a) **Ecotoxicity:** Biologically degradable without harmful residues.
- (b) **Persistence and degradability:** No available data.
- (c) **Bioaccumulative potential** No available data
- (d) **Mobility in soil:** No available data
- (e) **Other adverse effects:** No available data

**SECTION 13: Disposal considerations**

**Product:  
Recommendation**

Dispose of in accordance with local / national regulations.

**SECTION 14: Transport information**

(a) UN Number	Not regulated
(b) UN Proper shipping name	Not regulated
(c) Transport hazard class(es)	N/A
(d) Packing Group	N/A
(e) Environmental hazards	N/A
(f) Transport in bulk	N/A
(g) Other Information	N/A

**SECTION 15: Regulatory information**

SARA Reporting Requirements:	None
SARA Threshold Planning Quantity:	N/A
TSCA Inventory Status:	N/A
Other Federal Requirements:	N/A
Other Canadian Regulations:	N/A
State Regulatory Information:	N/A

**SECTION 16: Other information**

**PREPARED BY:** Kristofer Mainar

**GAR QMS SDS REFERENCE:**

**REVISION NUMBER:** 181129

**CHANGES FROM PREVIOUS VERSION:** Initial Version

**ABBREVIATIONS**

NA Not Applicable	LD Lethal Dose
ND Not Determined	TC Toxic Concentration
NE Not Established	TD Toxic Dose
ppm parts per million	BOD Biological Oxygen Demand
G Gallon	COD Chemical Oxygen Demand
mg Milligram	Lo Lowest
L Liter	ThOD Theoretical Oxygen Demand
gm Gram	TLm Threshold Limit
mol Mole	IC Inhibitory Concentration
kg Kilogram	DOC Dissolved Organic Carbon
μ Micro	H Hours
mm Millimeter	M Months
p Pico	D Days
Pa Pascals	Y Years
c cento	W Weeks
LC Lethal Concentration	

ACGIH American Conference of Governmental Industrial Hygienist  
CPR Controlled Products Regulation  
DSL Canadian Domestic Substances List  
NDSL Canadian Non-domestic Substance List  
IARC International Agency for Research for Cancer  
NOEL No Observed Effect Level  
NOAEL No Observed Adverse Effect Level  
OSHA Occupational Safety and Health Administration  
PEL Permissible Exposure Limit  
TLV Threshold Limit Value

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.