

OCT-25-06 10:37 AM

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**05583-1006**



Geo. Pfaaf's Sons Company, Inc.  
800 Wall Street  
Jeffersonville, Indiana 47130

Health Emergency 812.283.6697  
Spill Emergency 812.283.6697

## Material Safety Data Sheet

### Product Identification

**Product Name:** Peacock 15° Neatsfoot Oil  
**Chemical Name:** Neatsfoot Oil  
**Chemical Family:** Fats, Triglycerides  
**Formula:** Mixture of variable composition of triglycerides and their components

HMIS Hazard Rating		Scale
Toxicity	0	4 Extreme
Fire	1	3 High
Reactivity	0	2 Moderate
Protective Equipment	X	1 slight
		0 Insignificant
		X see Supplement

### Component Information

Non-Hazardous	Neatsfoot Oil	% Composition	CAS No.
Hazardous	None Known	100%	[78002-64-0]

## Emergency Response Information

### First Aid Procedures

**Inhalation:** Move affected subject to fresh air and consult a physician if irritation persists.  
**Ingestion:** Not anticipated to be toxic -- may have a laxative effect -- consult physician.  
**Skin:** When molten or heated, will cause oil-type burns. Treat as such. Wash affected skin areas with soap and water.  
**Eyes:** Flush eyes with water and consult physician.

### Fire Fighting Information

**Hazards:** Combustion generates toxic fumes containing carbon oxides.  
**Extinguishing Agents:** Use no water. Treat as an oil fire. Use carbon dioxide, foamite, sand or sodium bicarbonate.  
**Protective Equipment:** Firefighters should wear self-contained breathing apparatus and protective gear to prevent contact with skin and eyes.

### Spill or Leak Handling Information

**Personal Protection:** Respiratory protection is needed only at elevated temperatures -- use an OSHA or NIOSH approved respirator.  
Skin protection not required ambient. Wear insulated, chemically resistant gloves, boots and apron when product is heated.  
Eye protection requires the use of safety glasses or face shield at ambient. Goggles or face mask required.  
**Procedure:** Spill areas may be slick or slippery. Use care to avoid falls or other accidents. Contain spills immediately with inert materials (e.g. sand, earth, etc.). Material can be recovered from the ground by pump, shovel and/or absorption. Check local, state and federal regulations as to disposal. Keep spills and cleaning runoff out of open bodies of water and sewers. Material is biodegradable, producing a high B.O.D. when emulsified in water.

OCT-25-06 10:38 AM

11111111111111111111 P.03

**Hazard Information**

**Health Effects From Overexposure**

Route of Exposure	Effects
<b>Skin Contact:</b>	Ambient - Slight skin irritation may occur. Elevated Temperature - Oil-type burns may occur.
<b>Eye Contact:</b>	Ambient - Slight eye irritation may occur. Elevated Temperature - Vapor may cause irritation. Oil-type burns may occur.
<b>Inhalation:</b>	Ambient - None anticipated. Elevated Temperature - May produce various carbon oxides which cause irritation to the respiratory tract.
<b>Ingestion:</b>	Not expected to be acutely toxic -- may have a laxative effect.

**Fire and Explosive Properties**

Flash Point (C.O.C.).....	318°C / 600°F
Lower Explosive Limit .....	Not Applicable
Upper Explosive Limit.....	Not Applicable
Auto-ignition Temperature .....	Not Available

**Reactivity Information**

<b>Instability:</b>	This material is considered to be stable at ambient. However, as the temperature elevates normal fat oxidation will accelerate. Contact with metals causes slow corrosion and discoloration.
<b>Incompatibilities:</b>	Strong oxidizing materials and contact with elements 24 through 30.
<b>Hazardous Decomposition Products:</b>	Overheating may produce carbon oxides (to include acrolein). As with any organic material, combustion will produce carbon dioxide.
<b>Hazardous Polymerization:</b>	Will not occur.

**Accident Prevention Information**

**Exposure Limit**

None known for neat/foot oil.

**Personal Protection Measures**

<b>Respiratory Protection:</b>	Needed only at elevated temperatures or under conditions of misting. Use an OSHA or NIOSH approved respirator. Local exhaust not needed at ambient temperature. General mechanical ventilation is recommended.
<b>Eye Protection:</b>	Safety glasses or face shield may be desired with use of product at ambient temperature to prevent splash accidents. However, general use has not indicated eye irritation with use of product at ambient.
<b>Hand Protection:</b>	Gloves are generally not required at ambient temperature unless individual displays signs of irritation from exposure. At temperatures above ambient, normal oil-resistant thermal protection is recommended.
<b>Other Protection:</b>	None at ambient -- normal oil-resistant thermal protection when heated.

OCT-25-86 10:39 AM

111111111111111111 P. 04



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## Material Safety Data Sheet

### Facility Control Measures

**Ventilation:** With use of product at ambient temperature, none required other than general purpose ventilation. Local exhaust recommend at elevated temperature or in the presence of mist or fumes.

**Other Protective Equipment:** None anticipated.

### Storage and Handling Information

**Storage Conditions:** Maintain temperature at a maximum 50°C for storage. Avoid storage and transfer facilities constructed of copper, copper alloys and elements 24 through 30.

## Supplemental Information

### Typical Physical Properties

Appearance and Odor .....	White to yellow liquid; fatty odor at 25°C
Viscosity @ 100°F .....	180 - 210 sus
Specific Gravity (water=1) @ 25°C .....	.906 - .916
Vapor Density (air=1) .....	>1
Vapor Pressure @ 25.4°C .....	< 10 mm Hg
Melting Point .....	Max. 15°F pour point, ASTM D97
Boiling Point .....	Not applicable
Solubility in Water .....	<.01% up to 80°C
Percent Volatile .....	Negligible, not volatile ambient
Evaporation Rate (BAc=1) .....	<1, not volatile ambient
Reactivity in Water .....	Non-reactive at ambient

### Toxicity Information

**Acute:** As received, material is not known to be acutely toxic. However, when over-heated, Peacock 15° Neatsfoot Oil will produce acrolein and other carbon oxides which may cause temporary burning of the eyes and respiratory discomfort.

**Chronic:** As received, material is not known to have chronic toxic effects.

**Medical Conditions Generally Aggravated by Exposure:** None known

**Chemical Listed as a Carcinogen:** National Toxicology Program - No  
IARC Monographs - No  
OSHA - No

**OSHA Permissible Exposure Limit:** None known

**ACGIH Threshold Limit Value:** None Known

**Other Exposure Limit:** None Known

OCT-25-06 10:39 AM

11111111111111111111 P.05

**Waste Disposal**

Material is completely biodegradable. As received, it may be incinerated or buried as non-hazardous waste. Any use of product may alter or contaminate, thus changing waste hazard class. Check local, state and federal regulations as to disposal.

**Regulatory Information**

**Workplace Classifications**

No hazard classifications known. See toxicity information above.

**Transportation Classifications**

U.S.D.O.T. Hazard Class: Non-regulated.

**Emergency Planning & Community Right-To-Know (Sara Title III)**

Section 311/312 Information:  
(40CFR 370)

This product is not a hazardous chemical under 29 CFR 1910.1200 and, therefore, is not covered by Title III of SARA.

Section 313 Information:  
(40CFR 372)

This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.

**CERCLA Information (40CFR 302.4)**

Releases of this material to air or land are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304. Releases to water may be reportable as an oil spill and should be reported to the appropriate agencies.

**RCRA Information**

As received, this product is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (40CFR 261).

**Chemical Control Law Status**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

The information contained within relates to the specific material designated and may not be valid for such material when used in combination with other materials or in any process. This information was gathered from sources which are believed to be accurate as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to determine for himself the suitability for his own use.