

# Material Safety Data Sheet

WHMIS (Pictograms)

WHMIS (Classification)

HCS



No WHMIS class seems to be applicable.

Not controlled under the HCS (United States).

## Section 1. Chemical Product and Company Identification

<b>Product Name/ Trade name</b>	<b>PLEDGES AID</b>	<b>Code</b>	060
<b>Synonym</b>	Furniture Polish	<b>CAS #</b>	Not applicable.
<b>Chemical Family</b>	Not available.	<b>Validation Date</b>	5/7/2001
<b>Chemical Formula</b>	Not applicable.	<b>Print Date</b>	5/7/2001
<b>Manufactured for</b>	IFC Supply PO Box 266 Elkhart, IN 46515 (219) 296-7791	<b>In Case of Emergency</b>	(219) 296-7791
<b>TSCA</b>	TSCA Inventory: All components listed or are exempt from listing.		
<b>DSL</b>	DSL : All components listed unless noted elsewhere on this MSDS		

### Protective Clothing



## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
1) Water	7732-18-5	>59	Not available.	Not available.
2) Liquified Petroleum Gas	68476-85-7	<15	TWA: 1000 (ppm) TWA: 1000 (ppm) from OSHA (PEL)	Not available.
3) Heptane	142-82-5	<15	TWA: 400 (ppm) TWA: 500 (ppm) from OSHA (PEL) STEL: 500 (ppm)	Not available.
4) Mineral Seal Oil	64742-06-9	<2	TWA: 100 (ppm) TWA: 100 (ppm) from OSHA (PEL)	Not available.
5) Silicone Oils	N/A	<2	Not available.	Not available.
6) Perfume Oil	8007-02-1	<2	Not available.	Not available.
7) Triethanolamine	102-71-6	<1	Not available.	ORAL (LD50): Acute: 4000 mg/kg [Rat].
8) Petroleum Distillates	64742-30-9	<1	TWA: 5 (mg/m <sup>3</sup> ) TWA: 5 (mg/m <sup>3</sup> ) from OSHA (PEL)	Not available.
9) Nonionic Surfactant	127087-87-0	<1	Not available.	Not available.

## Section 3. Hazards Identification

**Potential Acute Health Effects** This product is an eye irritant.

**Potential Chronic Health Effects** Repeated skin exposure can produce local skin destruction, or dermatitis.

**Carcinogenic Effects** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

#### Section 4. First Aid Measures

Eye Contact	Flush with large quantities of water. Seek medical attention if irritation occurs.
Skin Contact	Flush with water. Seek medical attention if irritation occurs.
Inhalation	N/A
Ingestion	Dilute with two glasses of water. Seek medical attention if symptoms persist.

#### Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	CO2, dry chemical, foam.
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	Heated cans may burst.

#### Section 6. Accidental Release Measures

Small Spill and Leak	N/A.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

#### Section 7. Handling and Storage

Precautions	Avoid contact with skin and eyes. Keep away from heat. Keep away from sources of ignition.
Incompatibility	None known.
Storage	Combustible materials should be stored away from extreme heat and away from strong oxidizing agents. Keep out of the reach of children. Not for use or storage in or around the home.

#### Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

##### Personal Protection

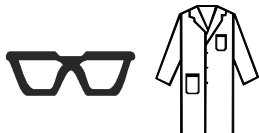
*Eyes* Safety glasses.

*Body* No special protective clothing is required.

*Respiratory* Wear appropriate respirator when ventilation is inadequate.

*Hands* Gloves.

##### Protective Clothing (Pictograms)



##### Exposure Limits

###### Liquified Petroleum Gas

TWA: 1000 (ppm)

TWA: 1000 (ppm) from OSHA (PEL)

###### Heptane

TWA: 400 (ppm)

TWA: 500 (ppm) from OSHA (PEL)

STEL: 500 (ppm)

###### Mineral Seal Oil

TWA: 100 (ppm)  
TWA: 100 (ppm) from OSHA (PEL)

**Petroleum Distillates**

TWA: 5 (mg/m<sup>3</sup>)  
TWA: 5 (mg/m<sup>3</sup>) from OSHA (PEL)

Consult local authorities for acceptable exposure limits.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Lemon like.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH</b>	10 to 11 [Basic.]	<b>Color</b>	Clear White.
<b>Boiling/Condensation Point</b>	N/A		
<b>Melting/Freezing Point</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Instability Temperature</b>	Not available.		
<b>Specific Gravity</b>	0.8571 (Water = 1)		
<b>Vapor Pressure</b>	55 psig @ 68°F		
<b>Vapor Density</b>	>1 (Air = 1)		
<b>Volatility</b>	85		
<b>VOC</b>	Not available.		
<b>Evaporation Rate</b>	<1		
<b>Odor Threshold</b>	Not available.		
<b>LogK<sub>ow</sub></b>	Not available.		
<b>Ionicity (in Water)</b>	Not available.		
<b>Dispersion Properties</b>	Not available.		
<b>Solubility</b>	Not available.		
<b>The Product is:</b>	COMBUSTIBLE.		
<b>Auto-ignition Temperature</b>	Not available.		
<b>Flash Points</b>	Not available.		
<b>Flammable Limits</b>	LOWER: 0.9% UPPER: 9.5%		
<b>Fire Hazards in Presence of Various Substances</b>	No specific information is available in our database regarding the flammability of this product in presence of various materials.		
<b>Explosion Hazards in Presence of Various Substances</b>	Containers may explode when heated.		

**Section 10. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	None known.
<b>Hazardous Decomposition Products</b>	Will not occur.

### Section 11. Toxicological Information

Routes of Entry	Skin contact. INHALATION Eye Contact
Toxicity to Animals	Acute oral toxicity (LD50): 4000 mg/kg [Rat]. (Triethanolamine).
Acute Effects on Humans	
<i>Eyes</i>	Eye irritant. May cause redness and swelling of the conjunctiva.
<i>Skin</i>	Defatting to skin on repeated contact.
<i>Inhalation</i>	N/A
<i>Ingestion</i>	May be irritating to the gastrointestinal system. Nausea, vomiting, and diarrhea expected with large doses.
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.



### Section 12. Ecological Information

Ecotoxicity	Not Available
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.



### Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

### Section 14. Transport Information

DOT (U.S.A) (Pictograms)	
TDG Classification	Not controlled under TDG (Canada). 
PIN UN, Proper Shipping Name, PG	Not applicable.
Maritime Transportation	Not available.
Special Provisions for Transport	Not applicable.

**Section 15. Other Regulatory Information and Pictograms**

<b>WHMIS (Classification)</b>	No WHMIS class seems to be applicable.										
<b>Regulatory Lists</b>	No products were found.										
<b>Other Regulations</b>	Not available. or of its ingredients										
<b>Other Classifications</b>	<b>HCS (U.S.A.)</b>	Not controlled under the HCS (United States).									
	<b>USA Regulatory Lists</b>	SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Liquified Petroleum Gas: fire									
	<b>DSD (EEC)</b>										
	<b>International Regulations Lists</b>	No products were found.									
<b>Hazardous Material Information System (U.S.A.)</b>	<table border="1"> <tr><td>Health</td><td>1</td></tr> <tr><td>Flammability</td><td>1</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>A</td></tr> </table>	Health	1	Flammability	1	Reactivity	0	Personal Protection	A	<b>National Fire Protection Association (U.S.A.)</b>	 <p>Health <b>1</b> Flammability <b>1</b> Reactivity <b>0</b> Specific Hazard</p>
Health	1										
Flammability	1										
Reactivity	0										
Personal Protection	A										

**Section 16. Other Information**

Validated by CRushton on 5/7/2001. Verified by CRushton.  
Printed 5/7/2001.

**Information Contact**    IFC Supply  
                                   PO Box 266  
                                   Elkhart, IN 46515

Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 5/7/2001.

**Pledges Aid**