MATERIAL SAFETY DATA SHEET

Product Name: Catalog Number: MSDS Update:

Apiezon® L Vacuum Grease 110506 10/24/05



Distributed By: Accu-Glass Products, Inc. 700 Arroyo Ave. San Fernando, CA. 91340 (818) 365-4215

HAZARDOUS COMPONENTS

Yellow Petroleum BP Grade Hydrocarbon Grease CAS Number Percent Exposure Limits 8012-95-1

COMPOSITION

Composition: Hydrocarbon Grease Hazardouse ingredients: None NFPA Rating: Not Known

PHYSICAL AND CHEMICAL DATA

Physical State:	Semi-solid	
Odor:	None	
Flash Point:	>250° C (482°F)	
Boiling Point:	Not Applicable	
Explosive Limits:	Not Applicable	
Solubility in Water:	Insoluble	
Appearance and Odor:	Yellow Brown	
Melting Point:	does not melt	
Autoignition Point:	> 260°C (500°F)	
<i>pH</i> :	Not Applicable	
Vapor Pressure:	Not Applicable	
Viscosity:	Not Applicable	
<i>Relative density</i> (<i>a</i>) 20° <i>C</i> (68° <i>F</i>): 0.896		
Octanol/Water Partition Coefficient in Kow: Specific value not known		
Evaporation Rate: Not known but it is very low		

FIRE AND EXPLOSION HAZARD DATA

Flammability classification: Not classified. Grease will not ignite or burn readily. Flash Point: Not Applicable $>250^{\circ}C$ (482°F) Auto-Ignition Temp.: Flammable Limits: Lower: Not Applicable Upper: Not Applicable Hazardous Combustion Products: None Known Special Conditions to Avoid: *Materials to Avoid:* Strong oxidizing agents *Temperatures* >120°C (248°F) Conditions to Avoid: Extinguishing Media: Use dry chemicals, CO2, foam, water fog. Do not use water jets. Special Fire Fighting Procedures: None known Special Protective Equipment: None needed

HEALTH HAZARD DATA

Emergency Overview:	This material is not classified hazardous by OSHA Hazard Communication
	Definition
Signal Word:	CAUTION!
Physical Health Hazards:	Spilled product constitutes a slip hazard
Physical State:	Semi-solid
Color:	Yellow Brown
Odor:	None
Odor Threshold:	No data available
Potential Health Effects:	Eye contact and ingestions are highly unlikely.

EMERGENCY AND FIRST AID

Take proper precautions to ensure your own health and safety before attempting to rescue and providing first aid. For specific information refer to the Emergency Overview in Section of this MSDS.

Inhalation:	None envisaged
Eye Contact:	Wash eyes with clean low-pressure water. If irritation persists, seek medical advice.
Skin Contact:	None envisages
Ingestion:	Do not induce vomiting, seek medical attention at once.

REACTIVITY DATA

Stability:	This product is stable and will not polymerize	
Conditions to Avoid	Temperatures > 120 ° (248°F)	
Incompatibility:	Strong oxidizing agents.	
Hazardous Decomposition Products: Not expected to decompose under normal conditions, but if it does		
occur, there can be trace amounts of polycyclic hydrocarbons.		
Reactions with Air and W	ater: Does not react with air, water or other common materials.	

SPILL, DISPOSAL AND STORAGE INFORMATION

Personal pr	ecautions:	Spilled product constitutes a slip hazard
Environmen	tal precautions:	None
Handling:	-	No special precautions required
Storage:		Keep cap tightly screwed on to protect integrity of the product. No
		other precautions need be taken.
Disposal:	Product and packag	ing must be disposed of in accordance with local and national

regulations. May be incinerated. This material is NOT classified as a hazardous material by RCRA. Use only licensed transporters and permitted disposal facilities and conform to all laws.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

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Substance Source:	8hr TWA	STEL
Mineral Oil (mist)	$5mg/m^3$	$10mg/m^{3} EH40$
Engineering Controls:	None required.	
Personal Protection:	Wash hands after use, using soap and water to remove all residues of the grease. Avoid long exposure, so washing should be done fairly immediately after using.	
Skin:	Special protectio	n not required
Skin.	1 1	1
Eye:		v glasses, when conducting any laboratory activities, including n grease lubricants.
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TOXICOLOGICAL INFORMATION

Based on the product's components: $Oral LD_{50}$ (rat): >2 g/kg. Dermal LD_{50} (Rabbit) >2 g/kg

Acute Health Effects:	
Eyes:	May cause transient irritation.
Inhalation:	Low volatility makes inhalation unlikely
Ingestion:	May cause nausea, vomiting and diarrhea.

Chronic Health Effects:

Repeated and prolong skin contact may cause skin disorders

Chronic Effects / Carcinogenicity: None expected

Reproductive/Development Effects: No reproductive or developmental effects are expected

ECOLOGICAL INFORMATION

Skin:

Environmental:	When used and/or disposed of as indicated, no adverse environmental effects are foreseen.
Mobility:	Non-volatile/Insoluble in water
Degradability:	Slowly biodegradable in aerobic conditions.

TRANSPORT INFORMATION

Not classified as hazardous for transport by air, sea, or road.

Proper Shipping Name:	Not specified
DOT Hazard Class:	Non-regulated
Un/NA ID:	Not regulated
Packing Group:	Not Applicable
Labels:	Not Regulated
Marine Pollutant:	No
NAER Guidebook:	Not Regulated
DOT Status:	Not Regulated

REGULATOR INFORMATION

TSCA: All components of this product are listed on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12 (b). Export Notification Rule, they will be listed below.

TSCA 12(b) Component Listed under TSCA Section

SARA-Section 313 Emissions Reporting:

Component

Reporting Threshold

SARA-Section 311/312: No components present in this product are subject to the reporting requirements of this statute.

CERCLA Hazardous Substances and their Reportable Quantities:

Component

Reportable Quantity

California Prop. 65 requires manufactures or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient listed by the State of California to cause cancer or reproductive toxicity, it will be listed below:

No such components in this product.

SECTION 313 SUPPLIER NOTIFICATION Not applicable.

OTHER INFORMATION:

Disclaimer of Liability:

Caution! Do not use Accu-Glass Products, Inc. products or materials in applications involving implantation within the body; direct or indirect contact with the blood pathway; contact with bones, tissue, tissue fluid, or blood; or prolonged contact with mucous membranes. Products offered by Accu-Glass Products, Inc. are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. Accu-Glass Products, Inc. will not provide to customers making devices for such applications any notice, certification on information necessary for such medical device use required by US FDA (Food and Drug Administration) regulation or any other statute.

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