

## SAFETY DATA SHEET

# VACUUM GREASE APIEZON H, 25-G TUBE

Date of Preparation: 07/01/2014

SDS #: 004-16007-00MSDS

### SECTION 1: IDENTIFICATION

**Product Identification:** Vacuum Grease Apiezon H

**CAS Number:** 65154-51-0

**Other Designations:** Not applicable

**Volumes:** 25-G tube

**Recommended Use:** Lubricant

**Restrictions:** For laboratory use only.

**Supplier Information:**

Micromeritics Instrument Corp.  
4356 Communications Drive  
Norcross, GA 30093-2901 USA

Contact: Human Resources  
Phone: (770) 662-3636  
Fax: (770) 662-3696

**Manufacturer:** M&I Materials Ltd., PO Box 136 , Manchester, M60 1 AN, UK Phone: 44 (0) 161 875 4313

### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:** None

**Signal word:** None

**Hazard Statements:**

H303: May be harmful if swallowed

H320: Causes eye irritation

**Pictograms:** Not applicable

**Precautionary Statements:**

P302+350: IF ON SKIN: Gently wash with soap and water

P337+313: If eye irritation persists get medical advice/attention

**Potential Health Effects**

**Acute Effects:**

**Inhalation:** Low volatility makes inhalation unlikely

**Eye:** May cause transient irritation.

**Skin:** Repeated and prolonged skin contact may cause skin disorders.

**Ingestion:** May cause nausea, vomiting and diarrhea.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% wt or % vol.
High mol. Wt. Petroleum	65154-51-0	NA
Hydrocarbons, inert mineral filler		NA
High mol. Wt. Polymer		NA

### Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Mineral	5 mg/m <sup>3</sup>	10	none	none	none	none	none
Oil mist		mg/m <sup>3</sup>	estab.	estab.	estab.	estab.	estab.

## SECTION 4: FIRST-AID MEASURES

**Inhalation:** None envisaged due to the low vapor pressure of the substance.

**Skin:** Wash with soap and water.

**Eyes:** Irrigate with copious amounts of water.

**Ingestion:** Do not induce vomiting, obtain medical attention.

### Potential Acute Health Affects

**Inhalation:** There are no significant effects or critical hazards known.

**Ingestion:** Irritating to mouth, throat and stomach.

**Skin Contact:** No specific data.

**Eye Contact:** Can cause eye irritation.

### Over Exposure Signs/Symptoms

**Inhalation:** No specific data.

**Ingestion:** No specific data.

**Skin:** No specific data.

**Eyes:** Adverse symptoms may include the following: Pain or irritation, watering, redness.

### Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:

**Specific Treatments:** No specific treatment.

**Notes to Physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

**Protection of First-Aiders:** No action shall be taken involving any personal risk or without suitable training.

## SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** (260°C)

**Flammability Classification:** Not applicable

**Extinguishing Media:** Carbon dioxide, dry powder, foam or water fog. Do not use water jets.

**Unusual Fire or Explosion Hazards:** None

**Hazardous Combustion Products:** None

**Fire-Fighting Instructions:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Spilt product constitutes a slip hazard. Avoid contact with eyes.

**Environmental precautions:** No special precautions required.

**Methods and material for containment and cleaning up:** Can be wiped from surfaces and residues cleaned with water and detergent.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** No special precautions required.

**Conditions for safe storage, including any incompatibilities:** No special precautions required.

**Specific end use(s):** No special precautions required.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters:** No relevant control parameters.

**Exposure controls:** The level of controls depends on the use. In most cases very small quantities of material are used. Eye washes should be available for emergency use.

**Respiratory protection:** None required.

**Hand protection:** Wash hands after use. For prolonged or repeated skin contact gloves are recommended.

**Eye protection:** None required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Semi solid

**Appearance and Odor:** Dark brown, no odor

**Odor Threshold:** NDA

**Vapor Pressure:** NDA

**Vapor Density (Air=1):** Not applicable

**Formula Weight:** Not applicable

**Water Solubility:** Insoluble

**Other Solubilities:** N/A

**Boiling Point:** NIDA

**Freezing/Melting Point:** does not melt

**Viscosity:** Not applicable

**Autoignition Point:** >320°C

**Density:** @20°C: 0.918

**Specific Gravity:** Not applicable

**pH:** NDA

**Surface Tension:** Not applicable

**% Volatile:** Not applicable

**Evaporation Rate:** Not applicable

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Will not polymerize.

**Chemical Incompatibilities:** Strong oxidizing agents.

**Conditions to Avoid:** Temperatures > 250°C

**Hazardous Decomposition Products:** Trace amount of polycyclic hydrocarbons.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Skin and eyes are the most likely routes for exposure.

Accidental ingestion may occur. Inhalation is not expected to be a relevant route of exposure.

**Acute oral toxicity:** Low toxicity: LD50 >2000mg/kg

**Acute dermal toxicity:** Expected to be of low toxicity: LD50 >2000mg/kg

**Acute inhalation toxicity:** Low volatility makes inhalation unlikely

**Skin corrosion/irritation:** Repeated and prolonged skin contact may cause dry skin or irritation.

**Eye corrosion/irritation:** May cause transient irritation.

**Respiratory or skin sensitization:** Not expected to be a skin sensitizer.

**Aspiration hazard:** Not considered an aspiration hazard.

**Carcinogenicity/mutagenicity:** Not considered a mutagenic hazard or carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

When used and/or disposed of as indicated no adverse environmental effects are foreseen.

Ecotoxicological effects based on knowledge of similar substances.

**Toxicity:** Expected to be practically non-toxic.

**Persistence and degradability:** Inherently biodegradable.

**Bioaccumulative potential:** Has the potential to bioaccumulate.

**Mobility in soil:** Product has low mobility in soil.

**Results of PBT and vPvB assessment:** The product does not meet criteria for toxicity which requires further assessment. It is not considered PBT or vPvB.

**Other adverse effects:** No other adverse effects envisaged.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods:**

Product and packaging must be disposed of in accordance with local and national regulations. May be incinerated. Unused product may be returned for reclamation.

## SECTION 14: TRANSPORT INFORMATION

### DOT Transportation Data (49 CFR 172.101):

**Shipping Name:** Not regulated

**Shipping Symbols:** Not Applicable

**Hazard Class:** Not regulated

**ID No.:** Not regulated

**Packing Group:** Not Applicable

**Label:** Not Applicable

**Special Provisions (172.102):**

Not Applicable

### Packaging Authorizations

a) **Exceptions:** Not Applicable

b) **Non-bulk Packaging:** Not Applicable

c) **Bulk Packaging:** Not Applicable

### Quantity Limitations

a) **Passenger, Aircraft, or Railcar:** Not Applicable

b) **Cargo Aircraft Only:** Not Applicable

### Vessel Stowage Requirements

a) **Vessel Stowage:** Not Applicable

b) **Other:** Not Applicable

## SECTION 15: REGULATORY INFORMATION

**State Regulations:** None required.

## SECTION 16: OTHER INFORMATION

**Prepared By:** Zuniga, A.

**Revision Notes:** Not Applicable

**Additional Hazard Rating Systems:** Not Applicable

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