



# Cover Sheet



INSTRUMENT CORPORATION  
 ONE MICROMERITICS DR.  
 NORCROSS, GA 30093-1877 U.S.A.

						DWN BY	J. Pittman
						ENGR	J. Mocny
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## MSDS VAC GREASE APIEZON H, 25-G TUBE

SIZE	NUMBER	PAGE
A	004/16007/00MSDS	X of 4

# Micromeritics Material Safety Data Sheet

Title : VAC GREASE APIEZON H, 25-G TUBE  
Date of Preparation : 07/30/04

MSDS No. : 004/16007/00MSDS  
Revision : C

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Vac Grease Apiezon H, 25-G Tube

**Chemical Formula:**

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

**Other Designations:**

**General Use:** Lubricant

**Supplier:** Micromeritics Instrument Corp.  
1 Micromeritics Dr.  
Norcross, GA 30093-1877 USA

**Contact:** Human Resources  
**Phone:** (770) 662-3620  
**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 - Composition / Information on Ingredients

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

### Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	8hr.TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Mineral Oil (mist)	5 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup> *	none estab.	none estab.	none estab.	none estab.	none estab.
*Source: EH40							

## Section 3 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆

*This product is not classified as hazardous*

**HMIS**

**H** 1

**F** 1

**R** 0

**PPE**†

†Sec. 8

### 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 4 - First Aid Measures

**Inhalation:** None envisaged.

**Eye Contact:** Irrigate with copious quantities of water.

**Skin Contact:** None envisaged

**Ingestion:** Do not induce vomiting. Obtain medical attention.

**Micromeritics Instrument Corp. and Micromeritics Analytical Services**

[www.micromeritics.com](http://www.micromeritics.com)

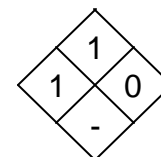
[www.particletesting.com](http://www.particletesting.com)

Surface Area - Porosity - Density - Particle Size, Shape & Count - Catalytic Activity - Surface Energy - Analytical Services

## Section 5 - Fire-Fighting Measures

**Flash Point:** (260°C)  
**Flammability Classification:** n/a  
**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

NFPA



## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** None

## Section 7 - Handling and Storage

**Handling Precautions:** No special precautions required.  
**Storage Requirements:** n/a  
**Regulatory Requirements:** n/a

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:**  
**Protective Clothing/Equipment:** None required.  
**Personal Protection:** Wash hands after use. Avoid prolonged exposure.

## Section 9 - Physical and Chemical Properties

<b>Physical State:</b> semi solid	<b>Water Solubility:</b> Insoluble
<b>Appearance and Odor:</b> Dark brown, no odor.	<b>Boiling Point:</b> n/a
<b>Vapor Pressure:</b> n/a	<b>Melting Point:</b> does not melt
<b>Vapor Density (Air=1):</b> n/a	<b>Viscosity:</b> n/a
<b>Formula Weight:</b> n/a	<b>Autoignition Point:</b> > 320 °C
<b>Density: @20°C:</b> 0.918	<b>Surface Tension:</b> n/a
<b>Specific Gravity:</b> n/a	<b>% Volatile:</b> n/a
<b>pH:</b> n/a	<b>Evaporation Rate:</b> n/a

## Section 10 - Stability and Reactivity

**Stability:** Will not polymerise.  
**Chemical Incompatibilities:** Strong oxidizing agents.  
**Conditions to Avoid:** Temperatures > 250°C  
**Hazardous Decomposition Products:** Trace amount of polycyclic hydrocarbons.

## Section 11- Toxicological Information

Based on the products components:  
 Oral LD50 (rat) >2g/kg. Dermal LD50 (rabbit) > 2g/kg.

## Section 12 - Ecological Information

**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.

## Section 13 - Disposal Considerations

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

## Section 14 - Transport Information

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

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

## Section 15 - Regulatory Information

**State Regulations:** None required.

## Section 16 - Other Information

None.

**Prepared By:** M. Day

**Revision Notes:**