



## Agilent Technologies

### IMPORTANT AMENDMENT TO MATERIAL SAFETY DATA SHEETS

The assets of Varian, Inc. were purchased by Agilent Technologies on May 14, 2010. Effective with that transition, Varian, Inc. Material Safety Data Sheets (MSDS) are hereby amended as follows:

- Where Manufacturer's Name states Varian, Inc., change to Agilent Technologies

These changes also apply to any other representations of the manufacturer's name for products manufactured by Varian, Inc.

All other information on Material Safety Data Sheets (MSDS) is unchanged.

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**VARIAN**

# **Varian Vacuum Grease, Medium Weight**

(Inland Vacuum Industries, Inc. – Celvacene, Medium)

## **MATERIAL SAFETY DATA SHEET**

VARIAN P/N LGCMID025 = Medium Weight 1/4 Lb.  
VARIAN P/N LGCMID100 = Medium Weight 1 Lb.

DISTRIBUTED BY:

**VARIAN VACUUM TECHNOLOGIES  
121 HARTWELL AVENUE  
LEXINGTON, MA 02421-3133**

**[www.varianinc.com/vacuum](http://www.varianinc.com/vacuum)**

**TO ORDER CALL: 1-800-8 VARIAN (1-800-882-7426)  
or  
ORDER ONLINE AT: [www.evarian.com](http://www.evarian.com)**



# Celvacene - Medium

## Material Safety Data Sheet

Revision Dated December 2009

For Chemical Emergency Call Chemtrex 800-424-9300

- 1. Substance/Company Identification**      **PRODUCT NAME:**      **Celvacene - Medium**  
**MANUFACTURER:**      CAS NUMBERS: 8001-79-4, 9004-36-8  
Inland Vacuum Industries  
35 Howard Ave  
Churchville NY 14428  
(585) 293-3330
- 2. Composition/ Ingredients**      **GENERIC NAME:**      triricinoleoyl glycerol, cellulose acetate butyrate  
**CHEMICAL FORMULA:** C<sub>57</sub>H<sub>104</sub>O<sub>9</sub>, (C<sub>12</sub>H<sub>18</sub>O<sub>7</sub>)<sub>n</sub>, respectively  
**HAZARDOUS INGREDIENTS:** None
- 3. Hazards Identification**      **POSSIBLE ENTRY ROUTES:** Ingestion  
**TARGET ORGANS:** None known  
**ACUTE EFFECTS:** None known. Material is not expected to be dermatitic or a sensitizer.  
**CHRONIC EFFECTS:** None known.
- 4. First Aid Measures**      **SKIN:** Wash with soap and water.  
**EYES:** Flush with water. Contact a physician.  
**INGESTION:** Contact a physician.
- 5. Fire Fighting Measures**      **FLASH POINT:** >270 C  
**METHOD USED:** Cleveland Open Cup  
**EXPLOSIVE LIMITS LOWER:** NA    **UPPER:** NA  
**EXTINGUISHING MEDIA:** Water fog, chemical foam or carbon dioxide. NFPA Class III B Material.  
**SPECIAL FIREFIGHTING PROCEDURES:** Wear breathing gear when fighting fires in enclosed spaces; incomplete combustion of this material may produce carbon monoxide!  
**UNUSUAL FIRE AND/OR EXPLOSION HAZARDS:** None
- 6. Accidental Release Measures**      **PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE:** Material is a
- 7. Handling and Storage**      **HANDLING:** None  
**STORAGE:** None
- 8. Exposure Controls/Personal Protection**      **ENGINEERING CONTROL MEASURES:** None required  
**RESPIRATORY PROTECTION:** Not required under normal use  
**PROTECTIVE GLOVES:** Not required, wash hands with soap and water after exposure  
**SAFETY GLASSES/GOGGLES:** Not required  
**OTHER PROTECTIVE EQUIPMENT:** None should be required under normal use.

**9. Physical & Chemical Properties**

PHYSICAL STATE: semi-solid grease  
 VAPOR PRESSURE: < .0001 Torr @ 25C  
 BOILING POINT: >200 C  
 EVAPORATION RATE (ether = 1): Nil  
 VAPOR DENSITY: NA  
 WT % VOLATILES: Nil  
 SPECIFIC GRAVITY: 0.99  
 VISCOSITY: NA  
 SOLUBILITY IN WATER: Nil  
 APPEARANCE: Clear yellow to amber grease

**10. Stability & Reactivity**

STABILITY: Material is stable  
 CONDITIONS TO AVOID: Continuous exposure to temperatures > 200 C  
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers  
 HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide.

**11. Toxicological Information**

ACUTE ORAL LD50(MG/KG): None known  
 ACUTE DERMAL LD50: None  
 ACUTE INHALATION: NA

**12. Ecological Information**

ENVIRONMENTAL: When used and/or disposed of as indicated, no adverse environmental effects are foreseen.  
 MOBILITY: Non-volatile and insoluble in water, semi-solid.  
 DEGRADABILITY: Slowly biodegradable in aerobic conditions.

**13. Disposal Considerations**

Product and packaging must be disposed of in accordance with Federal, State and local regulations.

**14. Transport Classification**

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

**15. Regulatory Information**

None

**16. Other Information**

**NFPA RATING**

FLAMMABILITY	1
HEALTH HAZARD	0
REACTIVITY	0
SPECIAL HAZARD	NONE