



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

TO ORDER CALL: 1-800-8 VARIAN (1-800-882-7426)

or

ORDER ONLINE AT: www.evarian.com



Material Safety Data Sheet

Revision Date January 2004

For Chemical Emergency Call Chemtrec 800-424-9300

Varian Vacuum Grease, Medium Weight

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| 1. Substance/Company Identification | PRODUCT NAME: Celvacene - Medium
CAS NUMBERS: 8001-79-4, 9004-36-8
MANUFACTURER: Inland Vacuum Industries
Churchville NY 14428
(585) 293-3330 |
| 2. Composition/ Ingredients | GENERIC NAME: triricinoleoyl glycerol, cellulose acetate butyrate
CHEMICAL FORMULA: C ₅₇ H ₁₀₄ O ₉ , (C ₁₂ H ₁₈ O ₇) _n , 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 semi-solid below 100C. Spills may be wiped up with a cloth. |
| 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