



[fisher catalog](#) | [fisher chemical](#) | [acros organics](#) | [fisher healthcare](#)  
[fisher safety](#) | [fisher life science](#) | [bioreagent catalog](#)  
[inventory clearance center](#)

[login](#)

[catalogs](#)

[ordering](#)

[what's new](#)

[about us](#)

[suppliers](#)

[support](#)

[sitemap](#)

[help](#)

[home](#)

[Fisher Chemical Catalog](#)

[rapid order](#)

[shopping cart](#)

[hot list](#)

[load templates](#)

[order status](#)

Search:  [Search](#) [Power Search](#)

[All Catalogs](#) | [Fisher Chemical Catalog](#) | [Carbowax PEG 400 to Cello-Seal Lubricant](#) |  
[Cello-Grease\\* Lubricant](#) | [Cello-Grease\\* Lubricant](#) | [MSDS](#)

## Material Safety Data Sheet Cello-Seal/Cello-Grease

ACC# 04367

### Section 1 - Chemical Product and Company Identification

**MSDS Name:** Cello-Seal/Cello-Grease  
**Catalog Numbers:** C601 100, C601100, C602 100, C602100  
**Synonyms:** Cello-seal lubricant, Cello-grease lubricant, Celvacene  
**Company Identification:**  
 Fisher Scientific  
 1 Reagent Lane  
 Fairlawn, NJ 07410  
**For information, call:** 201-796-7100  
**Emergency Number:** 201-796-7100  
**For CHEMTREC assistance, call:** 800-424-9300  
**For International CHEMTREC assistance, call:** 703-527-3887

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
8001-79-4	Castor Oil	70-95	232-293-8
9004-36-8	Cellulose acetate butyrate	5-30	unlisted

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

Appearance: pale yellow or dark amber. **Caution!** May cause

irritation.

**Target Organs:** None.

#### Potential Health Effects

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** Ingestion of large amounts may cause gastrointestinal irritation.

**Inhalation:** May cause respiratory tract irritation.

**Chronic:** Not available.

### Section 4 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. If irritation develops, get medical aid.

**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

**Inhalation:** Remove from exposure to fresh air immediately. Get medical aid if cough or other symptoms appear.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5 - Firefighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

**Autoignition Temperature:** Not available.

**Flash Point:** Not available.

**NFPA Rating:** Not published. Explosion Limits, Lower: Not available. Upper: Not available.

### Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container.

### Section 7 - Handling and Storage

**Handling:** Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:** Store in a cool, dry place. Store in a tightly closed container. Keep from

contact with oxidizing materials.

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

#### Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Castor Oil	none listed	none listed	none listed
Cellulose acetate butyrate	none listed	none listed	none listed

**OSHA Vacated PELs:** Castor Oil: No OSHA Vacated PELs are listed for this chemical. Cellulose acetate butyrate: No OSHA Vacated PELs are listed for this chemical.

#### Personal Protective Equipment

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respirators:** Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

### Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** pale yellow or dark amber

**Odor:** None reported

**pH:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Evaporation Rate:**

**Viscosity:** Not available.

**Boiling Point:** 482 deg F

**Freezing/Melting Point:** 194-266F

**Decomposition Temperature:** Not available.

**Solubility:** Insoluble in water.

**Specific Gravity/Density:** 0.9

**Molecular Formula:** C<sub>57</sub>H<sub>110</sub>O<sub>9</sub>

**Molecular Weight:**

### Section 10 - Stability and Reactivity

**Chemical Stability:** Stable.

**Conditions to Avoid:** Incompatible materials.

**Incompatibilities with Other Materials:** Strong oxidizers and strong bases.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.  
**Hazardous Polymerization:** Has not been reported.

**Section 11 - Toxicological Information**

**RTECS#:**  
**CAS# 8001-79-4:** F14100000  
**CAS# 9004-36-8** unlisted.  
**LD50/LC50:**  
 Not available.  
 Not available.

**Carcinogenicity:**  
**CAS# 8001-79-4:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. **CAS# 9004-36-8:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Section 12 - Ecological Information**

**Ecotoxicity:** Not available.

**Section 13 - Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.  
**RCRA D-Series Maximum Concentration of Contaminants:** None listed.  
**RCRA D-Series Chronic Toxicity Reference Levels:** None listed.  
**RCRA F-Series:** None listed.  
**RCRA P-Series:** None listed.  
**RCRA U-Series:** None listed.

**Section 14 - Transport Information**

	US DOT	IATA	RID/ADR	IMO	Canada TDG
<b>Shipping Name:</b>	No information available.	No information available.	No information available.	No information available.No information available.	
<b>Hazard Class:</b>					
<b>UN Number:</b>					
<b>Packing Group:</b>					

**Section 15 - Regulatory Information****US FEDERAL****TSCA**

CAS# 8001-79-4 is listed on the TSCA inventory.

CAS# 9004-36-8 is listed on the TSCA inventory.

**Health & Safety Reporting List**

None of the chemicals are on the Health & Safety Reporting List.

**Chemical Test Rules**

None of the chemicals in this product are under a Chemical Test Rule.

**Section 12b**

None of the chemicals are listed under TSCA Section 12b.

**TSCA Significant New Use Rule**

None of the chemicals in this material have a SNUR under TSCA.

**SARA****Section 302 (RQ)**

None of the chemicals in this material have an RQ.

**Section 302 (TPQ)**

None of the chemicals in this product have a TPQ.

**Section 313**

No chemicals are reportable under Section 313.

**Clean Air Act:**

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

**Clean Water Act:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA.

**STATE**

CAS# 8001-79-4 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

CAS# 9004-36-8 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are

listed. **European/International Regulations**

**European Labeling in Accordance with EC Directives****Hazard Symbols:**

Not available.

**Risk Phrases:****Safety Phrases:****WGK (Water Danger/Protection)**

CAS# 8001-79-4: 1

CAS# 9004-36-8: No information available.

**Canada**

CAS# 8001-79-4 is listed on Canada's DSL/NDSL List.

CAS# 9004-36-8 is listed on Canada's DSL/NDSL List.

This product has a WHMIS classification of D2B.


CAS# 8001-79-4 is not listed on Canada's Ingredient Disclosure List.

CAS# 9004-36-8 is not listed on Canada's Ingredient Disclosure List.

**Exposure Limits**

**Section 16 - Additional Information****MSDS Creation Date: 4/25/1995****Revision #4 Date: 9/02/1997**

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.*

 Need help with a product? Send [email](#) to Fisher's customer service or call us at 1-800-766-7000.