

## SAFETY DATA SHEET

Document ID: 335148-75 Version AG  
Revision Date (year/month/day) 2018/12/17  
Last Revision Date (year/month/day) 2015/04/23

### Section 1 Identification of the Substance/mixture and of the Company/undertaking

#### 1.1 Product Identifier

**Product Name** Silicone Vacuum Grease

**Part Number** 335148

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product Use** For laboratory use. See product literature for details.

This safety data sheet is provided for information only, not required by regulations

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer

Beckman Coulter, Inc.  
250 S. Kraemer Blvd  
Brea, CA 92821, U.S.A.  
Tel: 800-854-3633

##### EC REP Address

Beckman Coulter Eurocenter SA  
22, rue Juste-Olivier, Case Postale  
1044,  
CH-1260 Nyon 1, Switzerland.  
Telephone: +41 (0)22 365 36 11  
Monday through Friday, 9:00 am to  
7:00pm)

**e-mail address** SDSNT@beckman.com

#### 1.4 Emergency telephone number

**Telephone number (24H)** Chemtrec Emergency Tel No. U.S.A. 800-424-9300, International (001)  
703-527-3887

##### Distributor and Emergency Phone No.

Refer to attached list, Document ID: 472050, for local distributor and emergency phone numbers.

### Section 2 Hazards Identification

#### 2.1 Classification of substance or mixture

**Product Description** Mixture  
White; Translucent; Viscous liquid; Odorless

##### Classification according to EC 1272/2008 (CLP/GHS)

Not classified as hazardous per EC 1272/2008 (CLP/GHS)

##### Classification according to US-OSHA (HCS 29 CFR 1910.1200) and UN GHS

Not classified as hazardous per US-OSHA HCS 2012 and UN GHS

#### 2.2 Label Elements

##### According to EC 1272/2008 (CLP/GHS), US-OSHA and UN GHS

Not classified as hazardous per EC 1272/2008 (CLP/GHS), US-OSHA and GHS

#### 2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

See Section 11 Toxicological Information for more detailed health information.

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### **Section 3 Composition and Information on Ingredients**

#### **3.2 Mixtures**

**Hazardous Ingredients:** None

### **Section 4 First Aid Measures**

#### **4.1 Description of first aid measures**

<b>Inhalation</b>	If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration by trained personnel and obtain medical attention immediately.
<b>Eye Contact</b>	If product enters eyes, rinse eyes gently with water as a precaution.
<b>Skin Contact</b>	In case of skin contact, rinse with water as a precaution.
<b>Ingestion</b>	If product is ingested, rinse mouth with water. If irritation or discomfort occurs, obtain medical attention immediately.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No adverse symptoms or effects have been identified.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

No specific medical attention or treatment required.

### **Section 5 Fire Fighting Measures**

<b>5.1 Extinguishing Media</b>	In case of fire use carbon dioxide (CO <sub>2</sub> ), dry chemical, water spray or foam. For large fires use extinguishing media suitable for surrounding fire.
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#### **5.2 Special hazards arising from the substance or mixture** **Special Fire and Explosion Hazards**

No special hazards determined.

#### **Hazardous Combustion Products**

No combustion products posing significant hazards are expected from this product.

#### **5.3 Advice for fire fighters**

<b>Protective Equipment</b>	Self-contained breathing apparatus is recommended for firefighters in all chemical fire situations.
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<b>5.4 Additional information</b>	No further relevant information available.
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### **Section 6 Accidental Release Measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	No special precautions are necessary. Use good laboratory procedures.
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### Section 6 Accidental Release Measures (Continued)

- 6.2 Environmental Precautions** Contain spill to prevent migration.  
Do not allow the undiluted product to enter sewers/surface or ground water.
- 6.3 Methods and material for containment and cleaning up**
- Spill and Leak Procedures** Absorb spilled material with an appropriate inert, non-flammable absorbent and dispose according to local regulations.
- 6.4 Reference to other sections** Refer sections 8 and 13.

### Section 7 Handling and Storage

- 7.1 Precautions for safe handling** No special precautions are necessary; use good laboratory procedures.
- 7.2 Conditions for safe storage, including any incompatibilities**
- To maintain product quality, store according to the instructions in the product labeling.  
Store away from strong acids, strong bases, strong oxidizers and incompatible materials (section 10).
- 7.3 Specific end uses** No further relevant information available.

### Section 8 Exposure Controls and Personal Protection

- 8.1 Control parameters**
- Exposure Limits**
- |   |                  |
|---|------------------|
| <b>US OSHA</b>                            | None established |
| <b>ACGIH</b>                              | None established |
| <b>DFG MAK</b>                            | None established |
| <b>Ireland</b>                            | None established |
| <b>IOELVs</b>                             | None established |
| <b>NIOSH</b>                              | None established |
| <b>Japan</b>                              | None established |
| <b>Sweden (AFS 2015:7 and amendments)</b> | None established |
- 8.2 Exposure controls**
- Engineering Controls** No special engineering controls are required. Use with good general ventilation.
- Eye Protection** Safety glasses or chemical goggles should be worn to prevent eye contact.  
Refer U.S. OSHA 29 CFR 1910.133, European Standard EN166 or appropriate government standards.
- Skin Protection** Wear protective clothing and impervious gloves, as appropriate.
- Respiratory Protection** Under normal conditions, the use of this product should not require respiratory protection.

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### Section 9 Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

<b>Physical State</b>	Viscous liquid	<b>Specific Gravity (Water=1.0)</b>	1.1 @20°C
<b>Color</b>	White	<b>Solubility</b>	
<b>Transparency</b>	Translucent	<b>Water</b>	Not determined
<b>Odor</b>	Odorless	<b>Organic</b>	Not determined
<b>pH</b>	Not applicable	<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Freezing Point</b>	Not determined	<b>Auto-ignition Temp.</b>	Not applicable
<b>Boiling Point</b>	>35°C (95°F)	<b>Decomposition Temperature</b>	Not determined
<b>Flash Point</b>	100°C (212°F)	<b>Percent Volatiles</b>	Not applicable
<b>Evaporation Rate</b>	Not determined	<b>Vapor Pressure</b>	Not determined
<b>Flammability (Solid, Gas)</b>	Not applicable	<b>Viscosity</b>	Not determined
<b>Flammability Limits</b>	Not applicable	<b>Explosive Properties</b>	Not applicable
<b>Vapor Density</b>	Not determined	<b>Oxidizing Properties</b>	Not applicable
<b>Odor Threshold</b>	Not applicable		

**9.2 Other Information** No further relevant information available.

### Section 10 Stability and Reactivity

<b>10.1 Reactivity</b>	No further relevant information available.
<b>10.2 Chemical Stability</b>	The product is stable in accordance with recommended storage conditions.
<b>10.3 Possibility of hazardous reactions</b>	No further relevant information available.
<b>10.4 Conditions to Avoid</b>	To maintain product performance keep away from strong acids, strong bases, strong oxidizers. Avoid exposure to heat and direct sunlight.
<b>10.5 Incompatible materials</b>	No further relevant information available.
<b>10.6 Hazardous Decomposition Products</b>	When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.

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### Section 11 Toxicological Information

#### 11.1 Information on toxicological effects

##### Toxicity Data for Hazardous Ingredients

	Not applicable
<b>Primary Routes of Exposure</b>	Eye contact, ingestion, inhalation, and skin contact.
<b>Acute Toxicity</b>	Not classified based on available data.
<b>Skin Corrosion/Irritation</b>	Not classified based on available data.
<b>Serious eye damage/eye irritation</b>	Not classified based on available data.
<b>Respiratory/skin sensitization</b>	Not classified based on available data.
<b>Carcinogenicity</b>	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 1272/2008 EC regulation.
<b>Germ cell mutagenicity</b>	Not classified based on available data.
<b>Reproductive Toxicity</b>	Not classified based on available data.
<b>Specific target organ toxicity – single exposure</b>	Not classified based on available data.
<b>Specific target organ toxicity – repeated exposure</b>	Not classified based on available data.
<b>Aspiration hazard</b>	Not classified based on available data.
<b>Other Information</b>	No further relevant information available.

### Section 12 Ecological Information

<b>12.1 Ecotoxicity</b>	
<b>Fresh Water Species</b>	No information available.
<b>Microtox</b>	No information available.
<b>Water Flea</b>	No information available.
<b>Fresh Water Algae</b>	No information available.
<b>12.2 Persistence and degradability</b>	Not determined for the product.
<b>12.3 Bioaccumulation</b>	Not determined for the product.
<b>12.4 Mobility in soil</b>	Not determined for the product.

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### **Section 12 Ecological Information (Continued)**

#### **12.5 Results of PBT and vPvB assessment**

Not determined for the product. PBT: Not applicable, vPvB: Not applicable.

#### **12.6 Other Adverse Effects**

No further relevant information available.

### **Section 13 Disposal Considerations**

#### **13.1 Waste treatment methods**

##### **Product Waste Disposal**

Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

#### **13.2 Additional information**

Suggested European waste catalogue 18 01 07 - chemicals other than those mentioned in 18 01 06. Dispose in accordance with national, state and local waste regulations.

### **Section 14 Transport Information**

Transportation of this product is not regulated under ICAO, IATA DGR, IMDG, US DOT, European ADR and RID or Canadian TDG.

**14.1 UN/ID Number:** Not regulated for transportation

**14.2 Shipping Name:** Not regulated for transportation

**14.3 Hazard Class:** Not regulated for transportation

**14.4 Packing Group:** Not regulated for transportation

**14.5 Environmental Hazards:** Not regulated for transportation

**14.6 Special Precautions for user:** None

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable

### **Section 15 Regulatory Information**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **US Federal and State Regulations**

##### **SARA 313 (Section 313, Title III reporting requirements)**

No ingredients listed.

##### **CERCLA (The Comprehensive Environmental Response, Compensation, and Liability Act) 40 CFR 302.4**

No ingredients listed.

##### **California Proposition 65**

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### Section 15 Regulatory Information (Continued)

#### Chemical which is known to the State of California to cause cancer

No ingredients listed.

#### Chemical which is known to the State of California to cause development toxicity

No ingredients listed.

#### Chemical which is known to the State of California to cause male reproductive toxicity

No ingredients listed.

#### Chemical which is known to the State of California to cause female reproductive toxicity

No ingredients listed.

#### Massachusetts Right To Know (RTK) List

CAS # 7631-86-9

Silicone Dioxide, chemically prepared

#### New Jersey Dept. of Health Right To Know (RTK) List

No ingredients listed.

#### Pennsylvania Right To Know (RTK) List

CAS # 7631-86-9

Silicone Dioxide, chemically prepared

#### EU Regulations

This SDS complies with EC Regulations 1907/2006 (REACH) and amendments.

#### Water Hazard Class (Germany)

WGK 1, low water endangering

#### REACH 1907/2006 EC - Annex XIV - list of substances subject to authorization.

No ingredients listed.

#### Canada

This product does not meet WHMIS criteria for hazardous materials.

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

*Some hazardous ingredients listed in Section 15 are below the cutoff limits of 0.1% for Carcinogen, mutagen and reproductive toxin and 1% for other health hazards required for reporting in Section 3*

### Section 16 Other Information

<b>Beckman Coulter Safety Rating</b>	<b>Flammability: 0</b> <b>Health: 1</b> <b>Reactivity with Water: 0</b> <b>Physical Contact: 1</b>	Code 0=None 1=Slight 2=Caution 3=Severe
<b>Revision Changes</b>	Updated Section 1. Updated Section 4. Updated Section 5. Updated Section 8.	

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### Section 16 Other Information (Continued)

Updated Section 10.  
Updated Section 11.  
Updated Section 14.  
Updated Section 15.  
Updated Section 16.

#### Document version and issue/revision date

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#### Abbreviations and Acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
ADR and RID - European Agreement Concerning The International Carriage Of Dangerous Goods By Road and Rail  
CERCLA - The Comprehensive Environmental Response, Compensation, and Liability Act  
CLP - Classification, Labeling and Packaging  
DFGMAK - Republic Germany's maximum exposure limit  
GHS - Globally Harmonized System  
HCS - Hazard Communication Standard  
IARC - International Agency for Research on Cancer  
IATA DGR - International Air Transport Association Dangerous Goods Regulation  
ICAO - International Civil Aviation Organization  
IMDG - International Maritime Dangerous Goods  
IOELVs - European Unions' Indicative Occupational Exposure Limit Values  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration  
PBT - Persistent bioaccumulative and toxic substances  
SARA - Superfund Amendments and Reauthorization Act  
TDG - Canadian Transportation Of Dangerous Goods Regulations.  
UN GHS - United Nations Globally Harmonized System  
US DOT - United States Department of Transportation  
WHMIS - Workplace Hazardous Material Information System  
vPvB - Very persistent and very bioaccumulative substances

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