

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

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

Supplier

CANADA
Beckman Coulter Canada LP
7075 Financial Drive
Mississauga, ON L5N 6V8
Canada
1-800-463-7828

UNITED KINGDOM
Beckman Coulter (UK) Ltd.
Oakley Court
Kingsmead Business Park, London
Road
High Wycombe
United Kingdom HP11 1JU
01494 441181

AUSTRALIA
Beckman Coulter Australia Pty Ltd
23-27 Chaplin Drive
Lane Cove NSW 2066
Australia
ABN 81 002 011 672
24 Hour emergency contact phone
number:
1800 060 881

SWITZERLAND
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)

NEW ZEALAND
Beckman Coulter NZ
Unit J, 33 Walmsley Road, Otahuhu,
Auckland 1062, New Zealand
Hours available: 08:30 - 17:00

ICELAND / ÍSLAND
Beckman Coulter AB
Ekbacksvägen 28
168 69 Bromma
Sweden
Phone No.: +46 80564 85 900
Hours available: 08.00-16.30

MALTA
DX Distributor:
Cherubino Ltd

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

Section 1 Identification of the substance/mixture and of the company/undertaking (Continued)

	DELFI Building, Sliema Road, Gzira, GZR 1637 Telephone: +356 21343270 Hours available: 08:30 – 17:00
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.
	UNITED STATES - Emergency Phone (24h): Chemtrec (800) 424-9300, International (001) 703-527-3887
	CANADA - Poison Centre: 1-844-764-7669; Centre antipoison du Québec: 1-800-463-5060
	UNITED KINGDOM - For UK and Scotland: Emergency Call 999
	IRELAND - National Poisons Information Centre Phone No.: Members of Public: +353 (01) 809 2166 (8:00 am to 10:00 pm 7 days a week); Healthcare Professionals: +353 (01) 809 2566 (24 hour service)
	AUSTRALIA - 24 Hour emergency contact phone number: 1800 060 881
	NEW ZEALAND - 24 Hour emergency number: 0800 446 109

Section 2 Hazards identification

2.1 Classification of the substance or mixture

Product description

Mixture
White; 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.

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

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

Inhalation	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.
Eye contact	If product enters eyes, rinse eyes gently with water as a precaution.
Skin contact	In case of skin contact, rinse with water as a precaution.
Ingestion	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 Firefighting measures

5.1 Extinguishing media	In case of fire use carbon dioxide (CO ₂), dry chemical, water spray or foam. For large fires use extinguishing media suitable for surrounding fire.
--------------------------------	---

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 firefighters

Protective equipment

Self-contained breathing apparatus is recommended for firefighters in all chemical fire situations.

Additional information

No further relevant information available.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

No special precautions are necessary. Use good laboratory procedures.

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

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**
- US OSHA** None established
- ACGIH** None established
- ACGIH Biological Exposure Indices (BEI)**
None established
- DFG MAK** None established
- Ireland** None established
- IOELVs**
None established
- NIOSH** None established
- China** None established
- Croatia** None established
- Japan** None established
- Sweden (AFS 2015:7 and amendments)**
None established
- Turkey** None established

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

Section 8 Exposure controls and personal protection (Continued)

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.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Viscous liquid	Density and/or relative density	1.1 @20°C
Color	White	Solubility	
Odor	Odorless	Water	Not determined
pH	Not applicable	Organic	Not determined
Freezing point	Not determined	Partition coefficient n-octanol/water (log value)	Not determined
Boiling point or initial boiling point and boiling range	>35°C (95°F)	Auto-ignition temp.	Not applicable
Flash point	100°C (212°F)	Decomposition temperature	Not determined
Flammability	Not applicable	Vapor pressure	Not determined
		Kinematic viscosity	Not determined
Lower and upper explosion limit	Not applicable		
Relative vapor density	Not determined		
Particle characteristics	Not applicable		

9.2 Other information

Information with regard to physical hazard classes

No further relevant information available.

Other safety characteristics

No further relevant information available.

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

Section 10 Stability and reactivity

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

Section 11 Toxicological information

11.1 Information on hazard classes	
Toxicity data for hazardous ingredients	Not applicable
Primary routes of exposure	Eye contact, ingestion, inhalation, and skin contact.
Acute toxicity	Not classified based on available data.
Skin corrosion/irritation	Not classified based on available data.
Serious eye damage/irritation	Not classified based on available data.
Respiratory or skin sensitisation	Not classified based on available data.
Germ cell mutagenicity	Not classified based on available data.
Carcinogenicity	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 1272/2008 EC regulation.
Reproductive toxicity	Not classified based on available data.
Specific target organ toxicity (STOT) – single exposure	Not classified based on available data.
Specific target organ toxicity (STOT) – repeated exposure	Not classified based on available data.
Aspiration hazard	Not classified based on available data.
11.2 Information on other hazards	
Endocrine disrupting properties	

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

Section 11 Toxicological information (Continued)

	This product does not have substance(s) of endocrine disrupting properties for health according to REACH Article 57(f).
Other information	No further relevant information available.

Section 12 Ecological information

12.1 Toxicity	
Fresh water species	No information available.
Microtox/organisms	No information available.
Water flea	No information available.
Fresh water algae	No information available.
12.2 Persistence and degradability	Not determined for the product.
12.3 Bioaccumulative potential	Not determined for the product.
12.4 Mobility in soil	Not determined for the product.
12.5 Results of PBT and vPvB assessment	
	Not determined for the product. PBT: Not applicable, vPvB: Not applicable.
12.6 Endocrine disrupting properties	
	This product does not have substance(s) of endocrine disrupting properties for environment according to REACH Article 57(f).
12.7 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.
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.

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

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 UN proper shipping name: Not regulated for transportation

14.3 Transport hazard class(es): 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 Maritime transport in bulk according to IMO instruments: 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

 **WARNING** This product can expose you to chemical which is known to the State of California to cause cancer and/or reproductive harm. For more information go to www.P65Warnings.ca.gov

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

CAS # 7631-86-9 Silicone Dioxide, chemically prepared

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.

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

Section 15 Regulatory information (Continued)

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

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - Substances Subject to Suspicious Transactions Reporting

No ingredients listed.

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - Restricted Explosives Precursors

No ingredients listed.

REACH 1907/2006 EC - Candidate List of Substances of Very High Concern (SVHC)

No ingredients listed.

REACH 1907/2006 EC - Annex XVII – Restrictions on Certain Dangerous Substances

No ingredients listed.

REACH 1907/2006 EC - Annex XIV - list of substances subject to authorisation

No ingredients listed.

Refer to Section 3

UK Regulations

UK REACH Regulation (as Amended) - List of substances subject to authorisation

Refer to Section 3

Canada

This product does not meet WHMIS criteria for hazardous materials.

China

Catalog of Hazardous Chemicals - Hazardous Chemicals

No ingredients listed.

Inventory - China - Inventory of Existing Chemical Substances (IECSC)

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

Section 15 Regulatory information (Continued)

All ingredients are listed or exempted.

Turkey

Turkey-REACH - KKDIK Regulation - Annex 17 – Restrictions

No ingredients listed.

International

UN/FAO/Rotterdam Convention - Chemicals Subject to Prior Informed Consent (PIC)

No ingredients listed.

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

Beckman Coulter safety rating	Flammability: 0 Health: 1 Reactivity with water: 0 Physical contact: 1	Code 0=None 1=Slight 2=Caution 3=Severe
Revision changes	Updated sections 1, 2, 3, 4, 8 and 15	
Document version and issue/revision date	Revision Date (year/month/day) 2023/12/21 Last Revision Date (year/month/day) 2023/05/28 Document ID: 335148-75 Version: AK	
Hazard Classification Procedure	This mixture was classified using the calculation method for human health and environmental hazards. Physical hazards were determined based on the specification.	
Abbreviations and acronyms	ACGIH - American Conference of Governmental Industrial Hygienists (ACGIH) ADR and RID - European Agreement Concerning the International Carriage of Dangerous Goods by Road and Rail CLP - Classification, Labeling and Packaging DFGMAK - Republic Germany's maximum exposure limit EC50 - Concentration of a substance in an environmental medium expected to produce a certain effect in 50% of test organisms GHS - Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 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 IDLH - Immediately Dangerous to Life or Health	

SAFETY DATA SHEET

Document ID: 335148-75 Version AK
Revision Date (year/month/day) 2023/12/21
Last Revision Date (year/month/day) 2023/05/28

Section 16 Other information (Continued)

IMDG - International Maritime Dangerous Goods

IMO - International Maritime Organization

IOELVs - European Unions' Indicative Occupational Exposure Limit Values

LC50 - Concentration of a substance in water causing death (50% of the tested population) to aquatic life

LD50 - Lethal Dose 50%

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PBT - Persistent Bioaccumulative and Toxic substances

PEL - Permissible Exposure Limit

SARA - Superfund Amendments and Reauthorization Act

STEL – Short Term Exposure Limit

STLV - Short Term Limit Value

STV - Short Term Value

TDG - Canadian Transportation of Dangerous Goods Regulations

TLV - Threshold Limit Value

TWA – Time Weighted Average

UN GHS - United Nations Globally Harmonized System

US DOT - United States Department of Transportation

US OSHA - United States Occupational Safety and Health Administration

vPvB - very Persistent and very Bioaccumulative substances

WHMIS - Workplace Hazardous Material Information System

Beckman Coulter, the stylized logo, and the Beckman Coulter product and service marks mentioned herein are trademarks or registered trademarks of Beckman Coulter, Inc. in the United States and other countries.

For further information, please contact your local Beckman Coulter, Inc. representative.

WHILE BECKMAN COULTER, INC. BELIEVES THE INFORMATION CONTAINED HEREIN IS VALID AND ACCURATE, BECKMAN COULTER, INC. MAKES NO WARRANTY OR REPRESENTATION AS TO ITS VALIDITY, ACCURACY, OR CURRENCY. BECKMAN COULTER, INC. SHALL NOT BE LIABLE OR OTHERWISE RESPONSIBLE IN ANY WAY FOR USE OF EITHER THIS INFORMATION OR MATERIALS TO WHICH IT APPLIES. DISPOSAL OF HAZARDOUS MATERIALS MAY BE SUBJECT TO LOCAL LAWS OR REGULATIONS.