

# SAFETY DATA SHEET

Document ID: LCP1-75 Version AC  
Revision Date (year/month/day) 2018/05/10  
Last Revision Date (year/month/day) 2015/04/08

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

### 1.1 Product Identifier

**Product Name** LipoClear Plus  
**Part Number** LCP1  
**Series Name** LipoClear

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

**Product Use** For In Vitro Diagnostic Use. See product literature for details.

### 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; Opaque; 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

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### 3.2 Mixtures

Hazardous Ingredients: None

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## Section 4 First Aid Measures

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### 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.

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## Section 5 Fire Fighting Measures

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**5.1 Extinguishing Media** 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.

### 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 (an aqueous solution).

### 5.3 Advice for fire fighters

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

**5.4 Additional information** No further relevant information available.

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## Section 6 Accidental Release Measures

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

**Personal Precautions** No special precautions are necessary. Use good laboratory procedures. Wear protective gloves, protective clothing and eye/face protection.

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## Section 6 Accidental Release Measures (Continued)

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- 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.

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## Section 7 Handling and Storage

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- 7.1 Precautions for safe handling** No special precautions are necessary; use good laboratory procedures.
- 7.2 Conditions for safe storage, including any incompatibilities**
- Store at 2 to 8°C, as directed on the product label.  
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.

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## Section 8 Exposure Controls and Personal Protection

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- 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.

## Section 8 Exposure Controls and Personal Protection (Continued)

<b>Skin Protection</b>	Wear protective clothing and impervious gloves, as appropriate.
<b>Respiratory Protection</b>	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

<b>Physical State</b>	Liquid	<b>Specific Gravity (Water=1.0)</b>	≈ 1.03 @20°C
<b>Color</b>	White	<b>Solubility</b>	
<b>Transparency</b>	Opaque	<b>Water</b>	Miscible
<b>Odor</b>	Odorless	<b>Organic</b>	Not determined
<b>pH</b>	Not determined	<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>	Not determined	<b>Decomposition Temperature</b>	Not determined
<b>Flash Point</b>	Not applicable	<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.

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## Section 10 Stability and Reactivity (Continued)

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### 10.6 Hazardous Decomposition Products

No decomposition products posing significant hazards would be expected from this product (an aqueous solution).

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## Section 11 Toxicological Information

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### 11.1 Information on toxicological effects

#### 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/eye irritation** Not classified based on available data.

**Respiratory/skin sensitization** 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.

**Germ cell mutagenicity** Not classified based on available data.

**Reproductive Toxicity** Not classified based on available data.

**Specific target organ toxicity – single exposure**  
Not classified based on available data.

**Specific target organ toxicity – repeated exposure**  
Not classified based on available data.

**Aspiration hazard** Not classified based on available data.

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

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## Section 12 Ecological Information

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### 12.1 Ecotoxicity

**Fresh Water Species** No information available.

**Microtox** 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 Bioaccumulation** Not determined for the product.

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### Section 12 Ecological Information (Continued)

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- 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 Other Adverse Effects** No further relevant information available.

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### Section 13 Disposal Considerations

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- 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.

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### Section 14 Transport Information

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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

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### Section 15 Regulatory Information

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- 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**

## 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**

No ingredients listed.

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

No ingredients listed.

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

No ingredients listed.

**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 is exempt from WHMIS label and SDS requirements.

**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
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<b>Revision Changes</b>	Revised manufacturer's address in Section 1 Update of EC Rep Address Updated emergency phone numbers.
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## Section 16 Other Information (Continued)

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Removed the classification of EC Directives 1999/45/EC and 67/548/EEC from Sec. 2.1.

Updated section 4, 8, 11, 14, 15, 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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