



## SAFETY DATA SHEET

Doc. ID: B72267 Rev. AA  
Issued (year/month/day) 2015/05/22

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

#### 1.1 Product Identifier

**Product Name** MicroScan 3mL Inoculum Saline

**Part Number** 10444528, B1015-12

#### 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 S.A.  
22, rue Juste-Oliver, 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

Colorless; Clear; Liquid; Odorless

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

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

##### Classification according to EC Directives 1999/45/EC and 67/548/EEC

Not classified as dangerous per EC Directives (1999/45/EC and 67/548 EEC)

##### 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)

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## Section 2 Hazards Identification (Continued)

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- 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

- Inhalation** If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.
- Eye Contact** If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occur, obtain medical attention.
- Skin Contact** In case of skin contact, flush with copious amounts of water for at least 15 minutes. If pain or irritation occur, obtain medical attention.
- Ingestion** If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.

### 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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**Flammable Properties** Nonflammable aqueous solution.

- 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).

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## Section 5 Fire Fighting Measures (Continued)

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### 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.

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 15 to 30°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

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

#### 8.2 Exposure controls

<b>Engineering Controls</b>	No special engineering controls are required. Use with good general ventilation.
<b>Eye Protection</b>	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.
<b>Skin Protection</b>	Impervious gloves, such as Nitrile or equivalent, should be worn to prevent skin contact. Refer U.S. OSHA 29 CFR 1910.138, European Standard EN374 or appropriate government standards.
<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
<b>Color</b>	Colorless	<b>Solubility</b>	
<b>Transparency</b>	Clear	<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 determined
<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.

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## Section 10 Stability and Reactivity (Continued)

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### 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

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.

#### Skin Corrosion/Irritation

No data available.

#### Serious eye damage/eye irritation

No data available.

#### Respiratory/skin sensitization

No data available.

#### Carcinogenicity

No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 1272/2008 EC regulation.

#### Germ cell mutagenicity

No data available.

#### Reproductive Toxicity

No data available.

#### Specific target organ toxicity – single exposure

No data available.

#### Specific target organ toxicity – repeated exposure

No data available.

#### Aspiration hazard

No data available.

#### 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.

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## Section 12 Ecological Information (Continued)

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<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.
<b>12.5 Results of PBT and vPvB assessment</b>	Not determined for the product. PBT: Not applicable, vPvB: Not applicable.
<b>12.6 Other Adverse Effects</b>	No further relevant information available.

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## Section 13 Disposal Considerations

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<b>13.1 Waste treatment methods</b>	
<b>Product Waste Disposal</b>	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.
<b>Package disposal</b>	Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information.
<b>13.2 Additional information</b>	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, IMDG, US DOT, European ADR or Canadian TDG.

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## Section 15 Regulatory Information

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<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b><u>US Federal and State Regulations</u></b>	
<b>SARA 313</b>	No ingredients listed.
<b>CERCLA RG's, 40 CFR 302.4</b>	No ingredients listed.
<b>California Proposition 65</b>	No ingredients listed.
<b>Massachusetts MSL</b>	No ingredients listed.
<b>New Jersey Dept. of Health RTK List</b>	No ingredients listed.
<b>Pennsylvania RTK</b>	No ingredients listed.
<b><u>EU Regulations</u></b>	
This SDS complies with EC Regulations 1907/2006 (REACH) and amendments.	

## Section 15 Regulatory Information (Continued)

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

No ingredients listed.

### According to EC Directives (1999/45/EC and 67/548 EEC)

Not classified as dangerous per EC Directives (1999/45/EC and 67/548 EEC)

#### Canada

This product is exempt from WHMIS label and SDS requirements.

**PIN** Not applicable

#### **Ingredients on Ingredient Disclosure List**

None

#### **Ingredients with unknown toxicological properties**

Product is exempt

### 15.2 Chemical Safety Assessment A Chemical Safety Assessment has not been carried out.

*Some hazardous ingredients listed in Section 15 are below OSHAs and WHMIS' 1.0% w/w (0.1% for carcinogens) or EU's ingredient specific concentrations required for reporting in Section 3.*

## Section 16 Other Information

<b>Beckman Coulter Safety Rating</b>	<b>Flammability: 0</b> <b>Health: 0</b> <b>Reactivity with Water: 0</b> <b>Contact: 0</b>	Code 0=None 1=Slight 2=Caution 3=Severe
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### Abbreviations and Acronyms

ACGIH - American Conference of Governmental Industrial Hygienists  
 ADR - European Agreement Concerning The International Carriage Of Dangerous Goods By Road  
 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 - International Air Transport Association  
 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

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## Section 16 Other Information (Continued)

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WHMIS - Workplace Hazardous Material Information System  
vPvB - Very persistent and very bioaccumulative substances

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