

## Section 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** MicroScan Mineral Oil  
**Part number** 6663-30/W, B1010-40, B1010-40A

### 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.  
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.  
Amersham Place  
Little Chalfont  
Buckinghamshire  
United Kingdom, HP7 9NA  
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

Beckman Coulter Ireland Inc.  
Lismeehan  
O'Callaghan's Mills  
Co. Clare  
Ireland  
Tel: 353 (0)65 6831100

**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  
DELFI Building, Sliema Road, Gzira,  
GZR 1637  
Telephone: +356 21343270  
Hours available: 08:30 – 17:00

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

**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  
Colorless; Liquid; Characteristic odor

### 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.

## Section 3 Composition and information on ingredients

### 3.2 Mixtures

**Hazardous ingredients:** None

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## 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.

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## Section 5 Firefighting measures

**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.

### 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.

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## 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.

**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

**7.1 Precautions for safe handling** No special precautions are necessary; use good laboratory procedures.

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## Section 7 Handling and storage (Continued)

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### 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

**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

### 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

<b>Physical state</b>	Liquid	<b>Density and/or relative density</b>	0.9
<b>Color</b>	Colorless	<b>Solubility</b>	
<b>Odor</b>	Characteristic odor	<b>Water</b>	Insoluble in water.
<b>pH</b>	Not determined	<b>Organic</b>	Not determined
<b>Freezing point</b>	-17.78°C (-.004°F)	<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	360°C (680°F)	<b>Auto-ignition temp.</b>	≈ 260°C (500°F)
<b>Flash point</b>	192.85°C (379.13°F)	<b>Decomposition temperature</b>	Not determined
<b>Flammability</b>	Not applicable	<b>Vapor pressure</b>	<0.067 kPa
		<b>Kinematic viscosity</b>	38.1 mPa.s
<b>Lower and upper explosion limit</b>	Not determined		
<b>Relative vapor density</b>	Not determined		
<b>Particle characteristics</b>	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.

## 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

When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.

## Section 11 Toxicological information

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### 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

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

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### 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.

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## Section 12 Ecological information (Continued)

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- 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

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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.
- Package disposal** 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.
- 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

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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 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

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- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**US Federal and State Regulations**

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## Section 15 Regulatory information (Continued)

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### **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**

#### **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

### **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.

## Section 15 Regulatory information (Continued)

### 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 is exempt from WHMIS label and SDS requirements.

### China

#### Catalog of Hazardous Chemicals - Hazardous Chemicals

No ingredients listed.

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

All ingredients are listed or exempted.

### Turkey

#### Türkiye-REACH - KKDİK 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

<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>	<b>Code</b> 0=None 1=Slight 2=Caution 3=Severe
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**Revision changes** Update supplier addresses in Section 1.3

### Document version and issue/revision date

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Last Revision Date (year/month/day) 2024/09/20  
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Version: AG

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## Section 16 Other information (Continued)

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<b>Hazard Classification Procedure</b>	This mixture was classified using the calculation method for human health and environmental hazards. Physical hazards were determined based on the specification.
<b>Abbreviations and acronyms</b>	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 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

## **SAFETY DATA SHEET**

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### **Section 16 Other information (Continued)**

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