SAFETY DATA SHEET

Revision Date 25-Nov-2025
Revision Number 1

100-1683 - MammoCult™ Organoid Supplement B (Human)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name MammoCult™ Organoid Supplement B (Human)

Other means of identification

Catalog Number 100-1683

Document Number 10000037436

Synonym None

Recommended use of the chemical and restrictions on use

Recommended Use Laboratory reagent

Details of the supplier of the safety data sheet

Manufacturer/Supplier
STEMCELL Technologies Canada Inc.
Suite 500 - 1618 Station Street
Vancouver, British Columbia V6A 1B6 Canada

Emergency telephone number

Emergency Telephone 1-800-667-0322

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards not otherwise classified (HNOC)
Not applicable

Label elements

Hazard statements
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Clear	**Physical state** Liquid	**Odor** No data available

Other Information
Not Applicable

Unknown acute toxicity 6.1E-07 % of the mixture consists of ingredient(s) of unknown toxicity
6.1E-07 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
6.1E-07 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities Store in accordance with information listed on the Product Information Sheet (PIS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Other protection This product contains material derived from human plasma. Donors have been tested and found negative for HIV-1 and -2, hepatitis B, and hepatitis C prior to donation. However, this product should be considered potentially infectious. Use controls and personal protection appropriate for biohazardous infectious materials, as described in: Canadian Biosafety Standards and Guidelines (CBSG), Second Edition.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	pale yellow
Odor	No data available
Odor threshold	No data available

Property	**Values**	**Remarks • Method**
pH	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
Molecular formula	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under recommended transport or storage conditions.
Possibility of hazardous reactions	None under normal processing.

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Acute toxicity

Unknown acute toxicity 6.1E-07 % of the mixture consists of ingredient(s) of unknown toxicity
6.1E-07 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
6.1E-07 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)
Product Information

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.
Product Information

Serious eye damage/eye irritation No information available.
Product Information

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

Respiratory or skin sensitization No information available.

Product Information

Germ cell mutagenicity No information available.

Product Information

Carcinogenicity No information available.

Reproductive toxicity No information available.

Product Information

STOT - single exposure No information available.

Product Information

STOT - repeated exposure No information available.

Product Information

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product Information

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
ICAO (air)	Not regulated
IATA	Not regulated
IMDG	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Ethyl Alcohol - 64-17-5	Carcinogen Developmental

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X
Ethyl Alcohol 64-17-5	X	X	X
dimethyl sulfoxide 67-68-5	X	-	-
isopropyl alcohol 67-63-0	X	X	X
Sodium Phosphate Dibasic 7558-79-4	X	X	X
Superoxide Dismutase 9054-89-1	X	-	X
Ethanolamine 141-43-5	X	X	X

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM

Oleic Acid 112-80-1	-	-	X
sodium hydroxide 1310-73-2	X	X	X
Hydrochloric acid 7647-01-0	X	X	X
Sodium Selenite 10102-18-8	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Prepared By, Quality Control. STEMCELL Technologies Canada Inc.

Revision Date 25-Nov-2025

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. STEMCELL Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the product.

End of Safety Data Sheet

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM • TOLL-FREE TEL 1 800 667 0322 • TOLL-FREE FAX 1 800 567 2899 • INFO@STEMCELL.COM