Material Safety Data Sheet

IMDM

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

Preparation Name: IMDM
Catalogue number of the product: CC123-0500
Use of the preparation:
For laboratory use.
Company identification:
Simply Biologics, Inc.
Website: www.simplybiologics.com

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS- No	EINECS- No	Weight %
Sodium selenite	10102-18-8	-	<0.00011

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

3. HAZARDS IDENTIFICATION

GHS - Classification

Signal Word	None
Health hazards	Not classified
Hazard Statements	Not Applicable
Precautionary Statements	Not Applicable

Principle Routes of Exposure
Potential Health Effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.
Specific effects	
Carcinogenic effects	None.
Mutagenic effects	None.
Reproductive toxicity	None.
Sensitization	None.
Target Organ Effects	No known effects under normal use conditions.

HMIS

Health	0
Flammability	0
Reactivity	0

4. FIRST-AID MEASURES

Ingestion:
Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Inhalation:
Remove to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
Skin contact:
Rinse cautiously with water for several minutes. If symptoms occur, obtain medical advice.
Eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray. Carbon dioxide (CO2). Foam. Dry chemical.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Use personal protection equipment
Methods for cleaning up:
Soak up with inert absorbent material.
Environmental precautions:
Prevent further leakage or spillage if safe to do so.
See Section 12 for more information.

7. HANDLING AND STORAGE

Handling: Always wear reccommended Personal Protective Equipment. No special handling advices are necessary.
Storage: Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Sodium selenite	0.2 mg/m3	None	0.2 mg/m3	None

Engineering measures	Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment
Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	Impervious gloves.
Eye protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Lightweight protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Prevent product from entering drains..

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Form	Liquid	
Appearance	No data available	
Odor	No data available	
Odor Threshold	No data available	
Boiling point / boiling range	°C No data available	°F No data available
Melting point / melting range	°C No data available	°F No data available
flash point	°C No data available	°F No data available
Autoignition Temperature	°C No data available	°F No data available
Oxidizing properties	No data available	
Water solubility	soluble	
Viscosity	No data available	

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	No dangerous reaction known under conditions of normal use.
Possibility of hazardous reactions	Hazardous reaction has not been reported
Hazardous decomposition products	None under normal use conditions.
Polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LD50 (oral,rat/mouse)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat/mouse)
Sodium selenite	= 7 mg/kg (Rat)	No data available	No data available

Principle Routes of Exposure
Potential Health Effects

eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.
Carcinogenic effects	None.
Mutagenic effects	None.
Reproductive toxicity	None.
Sensitization	None.
Target Organ Effects	No known effects under normal use conditions

12. ECOLOGICAL INFORMATION

Ecotoxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Mobility	No information available.
Biodegradation	No information available.
Bioaccumulation	No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name	No dangerous good in sense of these transport regulations
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None
Environmental hazards	None

15. REGULATORY INFORMATION

TSCA	Component
Sodium selenite 10102-18-8 (<0.00011)	Listed

US Federal Regulations

SARA 313

This product contains the following toxic chemical(s) subject to the notification requirements of section 313 of Title III of the
Superfund Amendments and Reauthorization Act of 1986. This law requires certain manufacturers to report on annual emissions of
specified chemicals and chemical categories. Please note that if you repackage, or otherwise redistribute, this product to industrial
customers, a notice similar to this one should be sent to those customers:.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values
Sodium selenite	10102-18-8	<0.00011	1.0

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs:

Chemical Name	CAS-No	Weight %	HAPS data
Sodium selenite 10102-18-8 (<0.00011)	10102-18-8	<0.00011	Present (including any unique chemical substance that contains Selenium as part of its infrastructure)

US State Regulations

Chemical Name	Sodium selenite
Massachusetts - RTK	Listed
New Jersey - RTK	-
Pennsylvania - RTK	Listed
Illinois - RTK	Listed
Rhode Island - RTK	Listed

California Proposition 65
This product does not contain any Proposition 65 chemicals.
WHMIS Hazard Class
Non-controlled
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the
MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Simply Biologics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.