



FUJIFILM Cellular Dynamics, Inc.  
525 Science Drive  
Madison, WI 53711 USA

Toll Free in US (877) 320-6688 / (608) 310-5100 **T**  
(608) 310-5101 **F**  
fcdi-support@fujifilm.com **E**  
www.fujifilmcdi.com **W**

## SAFETY DATA SHEET

SDS Date: 3 August 2018

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name(s): iCell® Neural Supplement A, iCell Neurons Medium Supplement  
Product Catalog Number(s): M1032, NRM-100-031-001  
Company Identification: FUJIFILM Cellular Dynamics, Inc.  
Address: 525 Science Drive, Madison, WI 53711 USA  
Phone: Toll free in US (877) 310-6688 / (608) 310-5100  
Fax: (608) 310-5101

### SECTION 2: COMPOSITION / INFORMATION ON KNOWN HAZARDOUS INGREDIENTS

Sodium selenide CAS-No: 10102-18-8 EINECS-No: - Weight%: <0.00011  
The product contains no substances, which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

### SECTION 3: HAZARDS IDENTIFICATION

#### GHS – Classification

Signal Word: Not hazardous  
Health Hazards: Not hazardous  
Physical Hazards: Not hazardous

Principal Routes of Exposure/  
Potential Health Effects:

Eyes: May cause eye irritation with susceptible persons.  
Skin: May cause skin irritation with 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

### SECTION 4: FIRST AID MEASURES

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.  
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.  
Notes to Physician: Treat symptomatically.

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**SECTION 5: FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media: Water spray / carbon dioxide (CO<sub>2</sub>) / foam / dry chemical  
Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective suit.

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**SECTION 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.

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**SECTION 7: HANDLING AND STORAGE**

Handling: Always wear recommended personal protection equipment. No special handling advices are necessary.  
Storage: Keep in a dry, cool and well-ventilated place.

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**SECTION 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/m <sup>3</sup>	None	0.2 mg/m <sup>3</sup>	None

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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.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****General Information**

Form: Liquid  
Appearance: No information available  
Odor: No information 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 information available  
Water Solubility: Soluble

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**SECTION 10: STABILITY AND REACTIVITY**

Stability: Stable under normal conditions  
Materials to Avoid: No dangerous reaction known under conditions of use  
Hazardous Decomposition Products: None under normal use  
Polymerization: Hazardous polymerization does not occur.

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**SECTION 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

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Principal 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

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#### SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
Mobility:	No information available
Biodegradation:	Inherently biodegradable
Bioaccumulation:	Material does not bioaccumulate.

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#### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents/containers in accordance with local regulations.

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#### SECTION 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

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#### SECTION 15: REGULATORY INFORMATION

Component	TSCA
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:

Component	CAS-NO	Weight %	HAPS Data
Sodium selenite	10102-18-8	<0.00011	Present (including any unique chemical substance that contain selenium as part of its infrastructure)

#### US State Regulations

Chemical Name	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK	Illinois - RTK	Rhode Island - RTK
Sodium selenite	Listed	-	Listed	Listed	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 SDS contains all the information required by the CPR.

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**SECTION 16: OTHER INFORMATION**

Other Information: The data on this SDS relate only to the specific material herein and do not relate to use in combination with any other material or process.

Preparation Information: This information is believed to be accurate and represents the best information available to date.

Disclaimer: We make no warranty or assume any liability from its use. Users should make their own investigations to determine the suitability of the information.