

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name: Component N1

Contact:

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SECTION 2: HAZARD IDENTIFICATION

GHS classification

Signal Word

Not hazardous.

Health Hazard

Not hazardous.

Physical Hazards

Not hazardous.

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS SUBSTANCE

Chemical Name	CAS-No	EINECS-No	Weight %
Sodium selenite	10102-18-8	-	<0.0001

We recommend handling all chemicals with caution.

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.

SECTION 5: FIRE-FIGHTING MEASURES**Suitable extinguishing media:**

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus and protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

Use personal protection equipment.

Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material.

SECTION 7: HANDLING AND STORAGE**Precautions for safe handling:**

Always wear recommended Personal Protective Equipment. No special handling

advice required.

Conditions for safe storage, including any incompatibilities:

Keep in a dry, cool and well-ventilated place.

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 ³	none	0.2 mg/m ³	none

Engineering measures:

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Hand protection: Wear suitable gloves Glove material: Compatible chemical-resistant gloves.

Eyes: Wear safety glasses with side shields (or goggles).

Body: Lab coat and gloves.

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure control:

Prevent product from entering drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid.
Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Water solubility:	Soluble.

Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Material to avoid:	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products:	None under normal use conditions.
Polymerization:	Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**Acute toxicity:**

Not hazardous.

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

Skin corrosion/irritation

May cause skin irritation in susceptible persons

Serious eye damage/eye irritation

May cause eye irritation with susceptible persons

Inhalation

May be harmful by inhalation.

Ingestion

May be harmful by ingestion.

Carcinogenicity

None.

Mutagenicity

None.

Reproductive toxicity

None.

Sensitization

None.

Target organ effects

No known effects under normal use condition.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects: No information available.

Mobility: No information available.

Biodegradation: Inherently biodegradable.

Bioaccumulation: No information available.

SECTION 13: DISPOSAL INFORMATION

Disposable waste should be done in accordance with federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION
IATA:

Proper shipping name: Not classified as dangerous in the meaning of transport regulations

Hazard class: none

Subsidiary Class: none

Packing group: none

UN-No: none

SECTION 15: REGULATORY INFORMATION

Component	TSCA
Sodium selenite 10102-18-8 (<0.0001)	Listed

US Federal Regulations
SARA 313

This product contains the following toxic chemical(s) subjected to the notification requirements of section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986. This law requires certain manufacture 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	<0.0001	1.0

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 6)

This product contains the following HAPs.

Chemical Name	CAS-No	Weight %	HAPS data
Sodium selenite	10102-18-8	<0.0001	Present (including any unique chemical substance that contains Selenium as part of its infrastructure)

U.S. 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 contains the following Proposition 65 chemicals.

WHMIS hazard class

Non-controlled.

SECTION 16: OTHER INFORMATION

Other comments:

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