



B 27 SF Supplement, 50X

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

Preparation Name: B 27 SF Supplement, 50X
Catalogue number of the product: CC528-0010
Use of the preparation:
For laboratory use.
Company identification:
GeneDireX, Inc.
Website: <http://www.genedirex.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	Not Hazardous
Health hazards	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.
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Mutagenic effects	None.
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Reproductive toxicity	None.
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Sensitization	None.
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Target Organ Effects	No known effects under normal use conditions.
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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. Immediate medical attention is not required.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Notes to Physician Treat symptomatically.



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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 recommended 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)
Gentamicin, sulfate 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 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

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.
Materials 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



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

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

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



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Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

Chemical Name

Chemical Name	CAS-No	Weight %	HAPS dat
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	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
	- RTK	- RTK	- RTK	- RTK	- 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 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. GeneDireX, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.