

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name: Mesendoderm Booster

Contact:

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SECTION 2: HAZARD IDENTIFICATION

GHS classification

Hazard Statements

H303: May be harmful if swallowed.
H313: May be harmful in contact with skin.
H320: Causes eye irritation.
H333: May be harmful if inhaled.

Precautionary statements

P103: Read label before use.
P232: Protect from moisture.
P233: Keep container tightly closed.
P280: Wear protective gloves / protective clothing / eye protection / face protection.

Response Statements

P301 + 330: IF SWALLOWED: Rinse mouth with water.
P302 + 350: IF ON SKIN: Gently wash with soap and water.
P304 + 340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + 351 + 338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so - continue rinsing.
P306 + 360: IF ON CLOTHING: Rinse contaminated clothing and skin immediately with plenty of water before removing clothes.
P314: Get medical advice / attention if you feel unwell.
P362: Take off contaminated clothing and wash before use.

Storage and Disposal Phrases

P401 Store in a cool, dry place
P501: Dispose of contents / container in a safe way in accordance with all federal, state and local

regulations.

Emergency Overview

No known OSHA hazards. May cause eye, skin, and respiratory tract irritation.

Route(s) of Entry:

Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

Potential Health Effects (Acute and Chronic)

No data available.

Recommended Exposure Limits

No data available.

LD 50 / LC 50

No data available.

Signs and Symptoms of Exposure

No data available.

Medical Conditions Generally Aggravated By Exposure

No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS SUBSTANCE

Chemical Name	CAS-No	EINECS-No	Weight %
Spermine Phosphoramidite	-	Not Listed	<0.001

We recommend handling all chemicals with caution. Contact with acids or bleach liberates toxic gases. DO NOT ADD acids or bleach to any liquid wastes containing this product.

SECTION 4: FIRST AID MEASURES

Skin contact: Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician.

Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.

Ingestion; Rinse mouth with water. Get medical attention.

Inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur. Consult a physician.

Notes to physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Dry chemical, carbon dioxide, water or foam.

Specific hazards arising from the substance or mixture:

Oxides of Nitrogen, Carbon and Phosphorus.

Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Environmental precautions:

Do not let product enter the drain.

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. Avoid all direct contact.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed. Store in well-ventilated place.

Other Precautions

Protect from sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

Chemical Name	OSHA PEL	OSHA PEL	ACGIH TLV	Other Limits
Spermine Phosphoramidite	No data	No data	No data	No data

Engineering measures:

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Hand protection: Impervious gloves.

Eyes:	Safety goggles or splash guard safety glasses.
Body:	Lab coat and gloves.
Respiratory:	A NIOSH dust mask is recommended when a possibility of dust inhalation exists.
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

Appearance:	Aqueous solution.
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.
Solubility(ies):	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Oxidizing properties:	No data available.

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Materials to avoid:	Strong oxidizing reagents.
Hazardous decomposition products:	Oxides of nitrogen, carbon and phosphorus may evolve when heated to decomposition.
Polymerization:	Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

To the best of our knowledge, the toxicological properties of this substance have not been investigated.

This product should be handled with the usual care when dealing with chemicals.

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL INFORMATION

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

SECTION 14: TRANSPORT INFORMATION**LAND TRANSPORT (49CFR)**

49CFR Shipping Name Not a dangerous substance as defined in the regulations.

AIR TRANSPORT (ICAO/IATA)

ICAO/IATA Shipping Name Not a dangerous substance as defined in the regulations.

MARINE TRANSPORT (IMDG/IMO)

IMDG/IMO Shipping Name Not a dangerous substance as defined in the regulations.

Marine Pollutant: No

Additional Transport Information

Not regulated as a hazardous material or dangerous goods.

SECTION 15: REGULATORY INFORMATION**US Federal Regulations****SARA 302**

No chemicals in this product are subject to reporting requirements of SARA Title III, Section 302.

SARA 313

This product does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

U.S. State Regulations**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

Other comments:

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