

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name: Component S1

Contact:

Elixirgen Scientific, Inc.
855 N. Wolfe St., Suite 631
Baltimore, MD 21205
Phone: +1 443-869-5420
<https://elixirgensci.com>

SECTION 2: HAZARD IDENTIFICATION

GHS classification of the substance/mixture:

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements:

Not a hazardous substance or mixture.

Other hazards which do not result in the classification or are not covered by the GHS:

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS SUBSTANCE

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 4: FIRST AID MEASURES

Description of necessary measures.

Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a doctor.
Skin contact:	Wash off with soap and plenty of water.
Eye contact:	Flush eyes with water. Then consult a doctor.
Ingestion;	Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention and appropriate follow-up.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

This product is non-flammable. Use water spray, alcohol-resistant foam, dry-chemical or carbon dioxide.

Specific hazards arising from the substance or mixture:

No specific fire or explosion hazard.

Special protective equipment and precautions for fire-fighters:

Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

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

For personal protection use safety glasses, lab coat, and gloves.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Keep in suitable, closed containers for disposal.

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

No special measures required. No special precautions are necessary if used correctly.

Conditions for safe storage, including any incompatibilities:

Store according to product specifications.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure limits:**

We are not aware of any national exposure limit.

Appropriate engineering controls:

General industrial hygiene practice.

Personal protective equipment:

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

Eyes: Safety goggles or splash guard safety glasses.

Body: Lab coat and gloves.

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

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.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions.
Conditions to avoid:	Heat, moisture.
Incompatible materials:	Strong acids/alkalis, strong oxidizing/reducing agents.
Hazardous decomposition products:	Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known. Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation:

No data available.

Serious eye damage/eye irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Mutagenicity:

No data available.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Reproductive toxicity:

No data available.

Specific target organ toxicity:

No data available.

Aspiration hazard:

No data available.

Additional Information:

RTECS: Not available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION**Toxicity:**

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

Results of PBT and vPvB assessment:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects:

No data available.

SECTION 13: DISPOSAL INFORMATION**Waste treatment methods:****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION**DOT (US)**

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

SECTION 15: REGULATORY INFORMATION**SARA 302 Components**

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

SARA 313 Components

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

SARA 311/312 Hazards

No SARA Hazards.

Massachusetts Right To know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Water	7732-18-5	
Albumin, bovine serum	-	
Disodium hydrogenorthophosphate	7558-79-4	1993-04-24

New Jersey Right To Know Components

	CAS-No.	Revision Date
Water	7732-18-5	
Albumin, bovine serum	-	

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.

WHMIS Hazard Class

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

SECTION 16: OTHER INFORMATION**Other comments:**

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