

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name: Medium S

Contact:

Elixirgen Scientific, Inc.
855 N. Wolfe St., Suite 619
Baltimore, MD 21205
Phone: 443-869-5420
www.elixirgenscientific.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

No components need to be disclosed according to the applicable regulations.

SECTION 4: FIRST AID MEASURES

Description of necessary measures.

Inhalation: Provide fresh air and contact physician if complaint persists or symptoms develop. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin contact: Wash off with soap and plenty of water.

Eye contact: Flush eyes with water as a precaution.

Ingestion; Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms/effects, acute and delayed.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Skin contact: May cause skin irritation, redness, and itching.

Eye contact: Slightly hazardous in case of eye contact.

Ingestion; May be harmful in case of ingestion.

Indication of immediate medical attention and special treatment needed.

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Specific hazards arising from the substance or mixture:

No data available.

Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapors, mist or gas. For personal protection use safety glasses, lab coat, and gloves.

Environmental precautions:

No special environmental precautions required.

Methods and materials for containment and cleaning up:

Keep in suitable, closed containers. Absorb any spill with standard spill binder or absorbent material such as universal binder, sawdust etc.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Maintain sterile conditions. No other special handling required.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature is at -20°C.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Contains no substances with occupational exposure limit values.

Appropriate engineering controls:

General industrial hygiene practice.

Personal protective equipment:

Eyes: Safety goggles or splash guard safety glasses.

Body: Lab coat and gloves.

Respiratory: Respirator is not needed under normal and intended conditions of use if exposures are kept below established limits.

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.
Oxidizing properties:	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.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Strong acids, strong bases, strong oxidizing agents and pure organic solvents.
Incompatible materials:	No data available.
Hazardous decomposition products:	No data available.

SECTION 11: TOXICOLOGICAL INFORMATION**Routes of exposure:**

Skin absorption:	May be harmful if absorbed through the skin.
Skin contact:	May cause skin irritation.
Eye contact:	May cause eye irritation.
Inhalation:	May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Ingestion:	May be harmful if swallowed.

Delayed and immediate effects and also chronic effects from short and long term exposure:

No data available.

Acute toxicity:

No data available.

SECTION 12: ECOLOGICAL INFORMATION

Components are biodegradable. No information on ecological effect.

SECTION 13: DISPOSAL INFORMATION

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

SECTION 14: TRANSPORT INFORMATION

DOT (US): Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

OSHA Regulatory status:	Non-hazardous.
CERCLA reportable quantity:	None.
SARA extremely hazardous:	Not listed.
SARA hazard categories:	None.
SARA toxic chemicals:	Not listed.
Inventory Status:	This chemical is not listed on the US TSCA Chemical Substances Inventory.
Toxic Substance Control Act:	No specific regulations apply.
State regulations:	None apply.

SECTION 16: OTHER INFORMATION**Hazardous Material Information System (U.S.A.)**

Health hazard: 0
Chronic Health Hazard:
Flammability: 0
Physical Hazard: 0

National Fire Protection Association (U.S.A.)

Health hazard: 0
Fire Hazard: 0
Reactivity Hazard: 0

Other comments:

The information provided herein is based on sources believed to be reliable as of 1/3/2017 and pertains only to the material designated. Elixirgen Scientific, Inc. makes no warranty or representation to its completeness, accuracy, or currency, and assumes no liability resulting from its use. This material is intended for use by persons with pertinent technical skills for its intended use, the product's safe use, and the product's proper disposal. Disposal of hazardous material may be subjected to federal, state or local laws or regulations.

Restriction of use: For research use only.