

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name: Component J1

Contact:

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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:	Provide fresh air and contact physician if complaint persists or symptoms develop.
Skin contact:	Wash off with soap and plenty of water.
Eye contact:	Flush eyes with water. Then consult a doctor.
Ingestion;	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 or extinguishing measure that is appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the substance or mixture:

Carbon oxides, nitrogen oxides (NO_x), Oxides of phosphorus, Sodium oxides.

Special protective equipment and precautions for firefighters:

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:

Soak up with inert absorbent material and dispose of as per section 13. Keep in suitable, closed containers for disposal.

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

Avoid inhalation of vapor or mist. Avoid contact with eyes and skin. No special precautions are necessary if used appropriately. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Information about protection against explosions and fires:

No special measures required.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not store in incompatible containers. Light sensitive.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: Not available

Appropriate engineering controls: Use with adequate ventilation including local extraction. Ensure that eyewash stations and safety showers are close to the workstation location. Follow standard laboratory practices.

Individual protection measures: Wash hands thoroughly after handling chemical products and before eating, smoking or using the restroom. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Eye/face protection: Wear approved safety goggles.

Skin/hand protection: Handle with protective gloves, plastic or rubber. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection: Wear suitable protective clothing as protection against splashing or contamination.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.

Respiratory protection: In case of inadequate ventilation, use a suitable respirator. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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:	Stable under recommended transport and storage conditions.
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, light, and moisture.
Incompatible materials: Strong acids/alkalis, strong oxidizing/reducing agents.
Hazardous decomposition products: In combustion, this product may emit toxic fumes. No known decomposition information.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: Classification criteria are not met based on available data.
Skin irritant effect: Classification criteria are not met based on available data.
Eye irritant effect: Classification criteria are not met based on available data.
Sensitization: Classification criteria are not met based on available data.
Mutagenicity: Classification criteria are not met based on available data.
Carcinogenicity: Classification criteria are not met based on available data.
Reproductive toxicity: Classification criteria are not met based on available data.
Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to available information.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data available.
Ecotoxicity: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: None.

SECTION 13: DISPOSAL INFORMATION

Disposal methods: Dispose of waste in accordance to applicable national, regional, or local regulations.
Contaminated packaging: Dispose in the same manner as unused product.
Special precautions: Dispose of small amounts of spilled material as described in section 6. Large spills must be dealt with separately by qualified disposal personnel. Avoid dispersal of spilt material to soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

DOT (US)

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

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

US State regulations:**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
Serum albumin	9048-46-8	

New Jersey Right To Know Components

	CAS-No.	Revision Date
Serum albumin	9048-46-8	

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

The information provided herein is based on sources believed to be reliable as of 12/13/2017 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.

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