

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product Name: Purified recombinant protein.

This Material Safety Data Sheet covers all products supplied by Biomatik in the following configurations: purified recombinant protein of E.coli, Yeast, Baculovirus, mammalian cells origin.

Catalog Number: RP####

Recommended Use: For Laboratory Research Use Only.

Company: Biomatik Corporation

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Telephone Number: 1-519-489-7195

Email: info@biomatik.com

Emergency Telephone Number: Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification: Regulation (EC) No. 1272/2008 (CLP/EU-GHS), 29 CFR 1910.1200 (OSHA):

The product is not considered hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is in lyophilized powder or aqueous buffered solution containing purified protein and a mixture of preservatives.

Component	%	CAS No.	EINECS No.
Sarcosyl	0.01%	137-16-6	205-281-5
Glycerol	50.00%	56-81-5	200-289-5

4. FIRST AID MEASURES

First aid personnel should ensure self-protection.

Swallowing: If any component of this kit is swallowed, wash your mouth out with water, provided the person is conscious. Get medical attention.

Skin: If any component of this kit contacts the skin, immediately wash the skin with soap and copious amounts of water.

Inhalation: If any component of this kit is inhaled, move to fresh air. If not breathing, perform CPR and get immediate medical attention.

Eyes: If any component of this contact the eyes, flush the eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Consult a physician

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, alcohol resisting foam, dry chemical or carbon dioxide.

Unusual Fire & Explosion Hazards: None known. Wear self-contained breathing apparatus and protective garments appropriate for site conditions.

Special hazards arising from the substance or mixture: Carbon oxides, Nitrogen oxides (NO_x), Sulphur oxides, Hydrogen chloride gas.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Use appropriate protective equipment to prevent contamination of skin, eyes, and personal clothing.

Measures for environmental protection: Keep away from drains.

Measures for containment and cleaning: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use normal measures for preventive fire protection.

Conditions for safe storage: Keep the container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in a cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: Contains no substances with occupational exposure limit values.

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

Eye/face protection: Wear approved safety goggles.

Skin and body protection: Long-sleeved clothing. Protective gloves.

Respiratory protection: In case of inadequate ventilation, use a suitable respirator

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid/Freez-dried powder
Odour:	Odorless
Odour threshold:	Not applicable
pH:	No data available
Melting point/freezing point:	No information available
Initial boiling point and boiling range:	No information available
Flash point:	Not applicable
Evaporation point:	Not applicable
Flammability (solid/gas):	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	No information available
Vapour density:	No information available
Relative density:	No information available
Solubility:	No information available
Partition coefficient (n-octanol/water):	No information available
Autoignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	No information available
Explosive properties:	Not applicable
Oxidising properties:	Not applicable

10. STABILITY AND REACTIVITY

Stability and Reactivity: The product is stable under recommended storage conditions.

Incompatible products: Strong acids/alkalis, strong oxidizing/reducing agents.

Conditions to avoid: Heat, moisture.

Hazardous decomposition products: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

11. TOXICOLOGICAL INFORMATION

The toxicological properties of products have not been fully investigated. Always follow Good Laboratory and Industrial Hygiene Practices and wear proper personal protective equipment when handling chemicals.

12. ECOLOGICAL INFORMATION

Do not allow product to reach groundwater, water course, or sewage system.

13. DISPOSAL CONSIDERATIONS

Consult local, state or national regulations for proper disposal.

14. TRANSPORT INFORMATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

Information given herein is offered in good faith as accurate, but without guarantee.

Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user.

15. REGULATORY INFORMATION

US Federal and State Regulations

Toxic Substances Control Act: Not listed.

SARA 313 Components: Not listed

SARA 311/312 Hazards: Not listed.

CERCLA Reportable Quantity: Not listed.

California Proposition 65: Not listed.

16. OTHER INFORMATION

This material is sold for lab research purposes only. It is not for any human or animal therapeutic or clinical diagnostic use.

Disclaimer: The information provided on this MSDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS