

Basic Fibroblast Growth Factor (bFGF)

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SECTION 1. IDENTIFICATION

Product Name: Basic Fibroblast Growth Factor (bFGF)
INCI Name: *sh-Polypeptide-1 (or) rh-Polypeptide-1*
CAS#: 106096-93-9
Recommended Use: Topical Cosmetic Use
Supplier: **Bulk Naturals Wholesale LLC.**
212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs): 1-573-465-0612
Emergency Telephone # : **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: Not a hazardous substance according to Regulation (EC) No. 1272/2008.
GHS Label Elements:
Hazard statement(s)/Signal: Not applicable.
Precautionary statement(s): Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
sh- Oligopeptide-1	106096-93-9	-	100.0%

SECTION 4. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration and get medical attention if symptoms appear.
Skin contact: Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
Eye contact: Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Ingestion: Not applicable.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam, dry powder, carbon dioxide.
Special precaution for firefighters: Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent

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Special hazards arising from the substance: Hazardous decomposition products may be formed at extreme heat or if burned.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid eye contact.
Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
Methods for cleaning up: For large quantities use the proper absorbent and pump them into the correct container. Small quantities can be flushed with plenty of water into the sewage system.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes. Wash thoroughly after handling.
Recommended Storage Conditions: Short term storage recommended between 2° - 8°C (35.6° - 46.4°F) ; Long-term storage recommended -20°C (-4°F) in refrigerator.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes: Use tightly sealed goggles.
Skin: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.
Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.
Ingestion: Not for ingestion.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White/yellowish powder or floccules.
Odor: Odorless.
pH: 5.8
Molecular Weight: 17k daltons
Solubility: Soluble in water.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Chemically stable.
Possibility of hazard reactions: Hazardous polymerization will not occur.

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Safety Data Sheet

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Conditions to avoid:	Contact with incompatible materials. Avoid the dispersal of dust in the air.
Incompatible materials:	Avoid contact with strong acids. Becomes corrosive to metals when wet.
Hazardous decomposition products:	May evolve chlorine gas when in contact with strong acids.

SECTION 11. TOXICOLOGICAL INFORMATION

Standard and well-defined safety testing have been performed with the activities involved which have proved to be safe for use.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not determined.
Persistence and Degradability:	Not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

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