

Material Safety Data Sheet

OSHA "Hazard Communication" (29 CFR 1910.1200)

LONG®R³IGF-I Media Grade

CATALOG NO. 85580C

Section I – Product Identification

Product Name:

LONG®R³IGF-I Media Grade

Product Number:

85580C

Product Classification:

Biochemical

The subject biochemical is a recombinant analog of human Insulin-Like Growth Factor I.

Section II – Physical Data

Appearance:

White powder

Section III – Hazardous Ingredients

Section Not Applicable.

Section IV – First Aid

In case of contact with eyes, flush thoroughly with water and contact a physician. In case of accidental swallowing, rinse the mouth with fresh water, provided the person is conscious. Contact a physician. In case of contact with skin, wash the affected area with copious quantities of water. Remove contaminated clothing and call a physician. In case of inhalation, remove to fresh air. Give oxygen if breathing becomes difficult. If not breathing, give artificial respiration. Contact a physician.

Section V – Fire and Explosion Hazard Data

Extinguishing Media:

Water spray, dry chemical powder or appropriate foam.

Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus. Flash Point and flammable limits are not known. Any organic powder can be potentially explosive if disbursed in air in certain concentrations. These concentrations have not been determined.

Section VI – Health (Toxicological) Hazard Data

This product is a potential irritant to eyes, respiratory system and skin. The product may also be harmful if ingested. Complete toxicological properties have yet to be determined.

Section VII – Stability and Reactivity

Stable. Hazardous Polymerization will not occur. Hazardous Combustion or Decomposition Products: Toxic fumes of carbon monoxide and carbon dioxide, nitrogen oxides, sulfur oxides.

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Section VIII – Special Protection Information

Eye Protection:

Safety glasses or goggles required.

Protective Gloves:

Chemical-resistant gloves required.

Respiratory Protection:

Protective mask recommended.

Ventilation:

Mechanical (general) or local exhaust required.

Other Protection Equipment:

Safety shower and eye bath. Protective clothing recommended.

Section IX – Handling and Storage Precautions/Comments

Store at:

2 to 8 C (lyophilized)

Intended Use:

For research or for further manufacturing use. THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

Section X – Spill or Leak Procedures

Spill:

Wear respirator, safety glasses or goggles, protective clothing and chemical-resistant gloves. Carefully sweep up powder, place in a closed container and hold for waste disposal. Avoid raising dust. Wash area thoroughly after clean-up is complete.

Waste Disposal:

Follow all Federal, state and local regulations for chemical waste disposal.

Section XI – Disclaimer

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LONG is a registered trademark of Novozymes Biopharma AU. Covered by the following patent assigned to Novozymes Biopharma AU: US patent 5,330,971.

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