

**SAFETY DATA SHEET**

according to Regulation (EC) No.1907/2006

Version 2.0 Revision Date 1.25.2015

**Material Safety Data Sheet  
Human Acid Fibroblast Growth Factor msds****Section 1: Identification of the Substance/Preparation and of the Company/Undertaking****Identification of the substance or preparation**

**INCI Name** : rh-polypeptide-11  
**Brand** : MC-aFGF  
**Product Number** : C03002B  
**Origin** : Biotechnological  
**Use of the substance/preparation** : Antiwrink & antiaging in personal care products

**Company/undertaking identification****M.C.Biotec Inc.**

47-505, Demin, Nanjing 226007, China

Tel: 0086-139-13923033 Fax: 0086-10-80115555 ext 441505

Email: [mc@mcbiotec.com](mailto:mc@mcbiotec.com) Website: [www.mcbiotec.com](http://www.mcbiotec.com)**Section 2: Hazards Identification**

This substance is not classified as dangerous according to Directive 67/548/EEC or Directive 1999/45/EC

Health Hazards: Mutation Data: Unscheduled DNA synthesis:10nmol/L

**Section 3: Composition and Information on Ingredients****Synonyms**

aFGF, FGF-1, retina-derived growth factor, heparin-binding growth factor (class I or alpha), astroglial growth factor I

**Section 4: First Aid Measures**

Potentially harmful: avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with water for 15 minutes and seek medical advice. If inhaled, move individual to fresh air and seek medical advice.

If swallowed, seek medical advice.

**Section 5: Fire Fighting Measures**

Flash Point: None required

Autoignition Temperature: No data found

Extinguishing Fire:

Use carbon dioxide, dry chemical extinguishers or water. An approved self-contained breathing apparatus and protective clothing are recommended.

**Section 6: Accidental Release Measures**

Wear protective equipment.  
Spilled material should be carefully wiped up or moistened with water and removed.  
Ventilate area and wash spill site after material pickup is complete.

**Section 7: Handling and Storage**

Storage Conditions:  
Freezer storage required after receipt. Desiccation recommended.

**Section 8: Exposure Controls/Personal Protection**

Ventilation:  
Mechanical ventilation and respiratory protection are recommended.

**Section 9: Physical and Chemical Properties**

Appearance: White frozen dry mass  
Water solubility: Soluble  
Melting/Freezing Point: No data found  
Molecular weight: 15.5k Da  
Purity: 95% min(SDS-Page)  
pH: 5.8-6.2

**Section 10: Stability and Reactivity**

Stability: Stable. Not a significant hazard in these quantity  
Hazardous Polymerization: Will not occur.

**Section 11: Toxicological Information**

LD50: >15 gm/kg, oral, rat  
LD50: 2g/kg, intravenous, rat

**Section 12: Ecological Information**

Birds: Not tested  
Aquatics: Not tested

**Section 13: Disposal Considerations**

In case of spill: Use appropriate protective equipment and methods to clean up spilled substance promptly. Absorb spill onto an

appropriate material. Collect and dispose of all waste in accordance with applicable laws.

#### Section 14: Transport Information

##### General

Not a hazardous material

##### DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

##### IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

##### ADR/RID

Not dangerous goods

##### IMDG

Not dangerous goods

#### Section 15: Regulatory Information

##### United States Regulatory Information

SARA LISTED: No

DSL: No

NDSL: No

##### EU-Labeling Name

Not listed. ( The product does not need to be labeled in accordance with EC Directive 67/548/EEC or Directive 1999/45/EC or respective national laws)

#### Section 16: Other Information

##### Further information

*The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of the information for their particular purposes.*

© M.C. BIOTEC Inc.