

SAFETY DATA SHEET

according to Regulation (EC) No.1907/2006

Version 5.0 Revision Date 4.25.2016

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

INCI Name : rh-Oligopeptide-1
Brand : MC-EGF
Product Number : C03001B
CAS# : 62253-63-8
ELINCS # : n.a.
Origin : Biotechnological
Use of the substance/preparation : Antiwrink & antiaging in personal care products

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

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Email: mc@mcbiotec.com Website: 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

CAS #: 62253-63-8

EC NO: 263-468-7

Synonyms

ANTHELONE U * EGF * EPIDERMAL GROWTH FACTOR (EGF) * GASTRONE, URO-(9CI) * KUTROL * UROANTHELONE *
UROENTERONE * UROGASTRON * UROGASTRONE ***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: 6200 dalton
 Purity: 95% min(SDS-Page)
 Isoelectric Point: 4.6

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.

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