Material Safety Data Sheet
Sodium Hyaluronate msds

Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the substance or preparation

Product Name: Hyaluronic acid, sodium salt
INCI Name: Sodium Hyaluronate
Product Number: C06001B
CAS#: 9067-32-7
EINECS #: 232-678-0 (hyaluronic acid)
Origin: Natural
Use of the substance/preparation: Moisturizing agent

Company/undertaking identification

M.C.Biotec Inc.
No.40 Ma Jia Street, Nanjing 210009, China
Tel: 0086-25-86620042 Fax: 0086-86624072
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

Hazard Classification

Sodium Hyaluronate is not classified as hazardous under the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].

Health Assessment

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.
When used in the proposed manner the risk to the public is considered to be acceptable.

Section 3: Composition and Information on Ingredients

Hazardous Ingredients: none
Materials with prescribed limits of the EC: none
## Section 4: First Aid Measures

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>If inhaled</td>
<td>If breathed in, move person into fresh air. If not breathing give artificial respiration</td>
</tr>
<tr>
<td>In case of skin contact</td>
<td>Wash off with soap and plenty of water.</td>
</tr>
<tr>
<td>In case of eye contact</td>
<td>Flush eyes with water as a precaution.</td>
</tr>
<tr>
<td>If swallowed</td>
<td>Never give anything by mouth to an unconscious person. Rinse mouth with water.</td>
</tr>
</tbody>
</table>

## Section 5: Fire Fighting Measures

**EXTINGUISHING MEDIA**
Water, foam, CO2

**SPECIAL FIRE-FIGHTING PROCEDURES**
None

**UNUSUAL FIRE AND EXPLOSION HAZARDS**
None

## Section 6: Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**
Sweep or Vacuum. Note that an extreme slip hazard can develop if material spilled on the floor becomes wet.

**WASTE DISPOSAL METHOD**
Handle as none-hazardous material

## Section 7: Handling and Storage

**HANDLING**
No particular precautions necessary

**STORAGE**
Store in cool (2-10°C), dry place protected from light.

## Section 8: Exposure Controls/Personal Protection

**RESPIRATORY PROTECTION**
A dust respirator should be worn if dust becomes annoying

**VENTILATION**
Local exhaust: sufficient to remove airborne dust if handling results in dust generation.

PROTECTIVE GLOVES
Not necessary

EYE PROTECTION
Not necessary

### Section 9: Physical and Chemical Properties

**APPEARANCE**
White powder almost taste-less and odor-less

**SOLUBILITY**
Soluble in water forming a viscous solution.

pH
6.0-7.5

**BOILING POINT**
None volatile

**FLASH POINT**
None

**MELTING POINT**
None

**FLAMMABILITY:**
None

**EXPLOSIVE CHARACTERISTICS**
None

### Section 10: Stability and Reactivity

**CONDITIONS TO AVOID**
High temperature and a high level of humidity

**MATERIAL TO AVOID**
Strong oxidizing agents

**HAZARDOUS POLYMERIZATION**
### Section 11: Toxicological Information

**ACUTE ORAL TOXICITY**
LD₅₀ > 5000mg/kg (mice)

### Section 12: Ecological Information

**BIOLOGICAL DECOMPOSITION**
It is biodegradable

### Section 13: Disposal Considerations

**Disposal**
After neutralization, flush with copious amounts of water into the sewage system. Dispose of in accordance with all local, state and federal regulations.

**Special Precautions for land fill or incineration**
No Data Available

**Contaminated packaging**
Dispose of as unused product.

### 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
<table>
<thead>
<tr>
<th>United States Regulatory Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA LISTED: No</td>
</tr>
<tr>
<td>EU-Labelling Name</td>
</tr>
<tr>
<td>Not listed. (The product does not need to be labeled in</td>
</tr>
<tr>
<td>accordance with EC Directive 67/548/EEC or Directive</td>
</tr>
<tr>
<td>1999/45/EC or respective national laws)</td>
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<table>
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<tr>
<th>Section 16: Other Information</th>
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</thead>
<tbody>
<tr>
<td>Further information</td>
</tr>
<tr>
<td>The information above is based on our present knowledge.</td>
</tr>
<tr>
<td>However, no representation, warranty or guarantee of</td>
</tr>
<tr>
<td>any kind, express or implied, is made as to its accuracy,</td>
</tr>
<tr>
<td>reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or</td>
</tr>
<tr>
<td>consequential, arising out of use. Users should make</td>
</tr>
<tr>
<td>their own investigations to determine the suitability of</td>
</tr>
<tr>
<td>the information for their particular purposes.</td>
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<td>© M.C.BIOTEC Inc.</td>
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**Updated: April 10, 2011**