# Hyaluronic Acid SLMW

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation  
Revision Date: 02-12-2016  
Supersedes: 11-14-2012

1 PRODUCT & COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Hyaluronic Acid SLMW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms:</td>
<td></td>
</tr>
<tr>
<td>INCI Name:</td>
<td>Sodium hyaluronic acid</td>
</tr>
<tr>
<td>CAS Number:</td>
<td>9067-32-7</td>
</tr>
<tr>
<td>Formula:</td>
<td>Not available</td>
</tr>
<tr>
<td>Product Form:</td>
<td>Powder</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Cosmetic use</td>
</tr>
<tr>
<td>Distributor:</td>
<td>MakingCosmetics.com Inc.</td>
</tr>
<tr>
<td>Address:</td>
<td>10800 231st Way NE Redmond, WA 98053 (USA)</td>
</tr>
<tr>
<td>Phone / Fax:</td>
<td>425-292-9502 / 425-292-9601</td>
</tr>
<tr>
<td>Web:</td>
<td><a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a></td>
</tr>
</tbody>
</table>

| Emergency Telephone Number: | 1-800-424-9300 (Chemtrec) |

2 HAZARDS IDENTIFICATION

| GHS Classification: | Not classified |
| GHS Labeling:       | Not classified |
| GHS Hazard Pictograms: | None |
| GHS Hazard Statements: | None |
| GHS Precautionary Statements: | Eyes: May be irritant.  
Inhalation: Not expected to be irritant.  
Skin: May be irritant.  
Ingestion: May be irritant. |

| NFPA Ratings (704): |

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Specific Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>n/a</td>
</tr>
</tbody>
</table>

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hyaluronic acid</td>
<td>9067-32-7</td>
<td>100%</td>
<td>Data not available</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

<table>
<thead>
<tr>
<th>Eyes:</th>
<th>Flush eyes with water for 15 minutes. Seek medical advice should irritation occur and persist.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation:</td>
<td>Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.</td>
</tr>
<tr>
<td>Skin:</td>
<td>Wash off skin with soap and water. Get medical attention if irritation develops or persists.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>Do not induce vomiting unless directed to do so by medical personnel. Contact physician immediately if large quantities ingested.</td>
</tr>
</tbody>
</table>

5 FIRE-FIGHTING MEASURES

| Suitable (and unsuitable) extinguishing media: | Dry chemical, CO2, water fog, foam. |
| Special protective equipment & precautions for firefighters: | No special procedures required. Fire & Explosion Hazards: Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels below the stipulated exposure limits. Prohibit smoking and open flames. Avoid sparks or other sources of static electricity. Minimum ignition temperature of dust cloud- approx. 390°C. Minimum explosive concentration approx. 70 mg/l. Minimum energy to ignite cloud by electrical spark- approx. 0.06 joules. |

| Flash Points: | Not available |
| Specific hazards arising from the chemical: | Not available |

6 ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment. Do not allow product to reach sewage system or any water course, basements or confined areas. Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not walk through spilled material. Surface may become slippery after spillage. Use vacuum or broom and remove to disposal container.

7 HANDLING & STORAGE

Precautions for safe handling: Mechanical handling of the powder on inadequately grounded equipment can result in static electrical discharges. All handling equipment must be properly grounded. Sensitive to static electricity. Use care to minimize dust generation in normal use conditions. Avoid dispersing the powder in the air. Prevent buildup of powder on surfaces.

Conditions for safe storage, incl. any incompatibilities: Store in a cool, dry area away from heat, sparks or fire.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component | Exposure Limits | Basis | Entity
--- | --- | --- | ---
Sodium hyaluronic acid | Not determined | STEL: Short Term Exposure Limit during x minutes. | TLV: Threshold Limit Value over 8 hours of work. |
TWA: Time Weighted Average over 8 hours of work. | REL: Recommended Exposure Limit | IDLH: Immediately Dangerous to Life or Health | PEL: Permissible Exposure Limit |
TLV: Threshold Limit Value over 8 hours of work. | STEL: Short Term Exposure Limit | WEEL: Workplace Environmental Exposure Levels | CEIL: Ceiling |
REL: Recommended Exposure Limit | STEL: Short Term Exposure Limit | |
PEL: Permissible Exposure Limit | |

Personal Protection:

Eyes: Safety glasses, goggles or face shield recommended for eye protection.

Inhalation: Not required but may wear a NOISH approved organic vapor/mist respirator or mask.

Body: Gloves and lab coat recommended to prevent skin contact.

Other: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State: Powder

Odor: Odorless

Taste: Not available

Color: Off-white

Molecular Weight: 8-15kDa

pH (1% sol. in water): 5-8.5

Boiling Point: Not available

Melting Point: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Flammability: Not available

Upper/lower Explosive Limit: Not available

Flash Point: Not available

Specific Gravity: 0.990 to 1.010

10 STABILITY AND REACTIVITY

Reactivity: Product is stable

Chemical Stability: Product is stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: None known

Incompatible Materials: Not available

Hazardous Decomposition Products: Does not undergo spontaneous decomposition. Typical combustion products include carbon monoxide, carbon dioxide, nitrogen and water.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Acute oral toxicity not available

Skin: Can be an irritant
Eyes: Can be an irritant
Respiratory: Data not available
Ingestion: Data not available
Carcinogenicity: Not available
Teratogenicity: Not available
Germ Cell Mutagenicity: Not available
Embryotoxicity: Not available
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not available
Respiratory/Skin Sensitization: None known

12 ECOLOGICAL INFORMATION

Ecotoxicity: Not available
Persistence and Degradability: Possibly hazardous short term degradation products are not likely. Long term degradation products may arise.
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
PBT and vPvB Assessment: Not available
Other Adverse Effects: Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Storage and disposal must be in accordance with applicable local, state & federal disposal regulations.
Compliance with applicable laws are the responsibility solely of the generator.

Product Containers: Dispose of in a manner in accordance with local and national regulations.
The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods.

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA): Not regulated
TDG (Transportation of Dangerous Goods, Canada): Not regulated
IMDG (International Maritime Dangerous Goods): Not regulated
IATA (International Air Transport Association): Not regulated
ICAO (International Civil Aviation Organization): Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status: No data available
DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada): Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 02-12-2016
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company’s knowledge and believed accurate and reliable as of the date indicated. 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. It is the user’s responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.