Polyquaternium-10

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Polyquaternium-10  
Distributor: MakingCosmetics.com Inc.  
Address: 10800 231st Way NE  
Redmond, WA 98053 (USA)  
Phone / Fax: 425-292-9502 / 425-292-9601  
Web: www.makingcosmetics.com  
Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified  
GHS Signal Word: WARNING

GHS Hazard Statements:  
H400: Very toxic to aquatic life

GHS Precautionary Statements:  
P281: Use personal protective equipment as required

Potential Health Hazards:  
Eyes: Not an eye irritant. Inhalation: May be harmful if inhaled. Causes respiratory tract irritation. Skin: Not a skin irritant. Ingestion: May be harmful if swallowed.

NFPA Ratings (704):  
Health 0  
Flammability 1  
Reactivity 0  
Specific Hazard n/a

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>Polyquaternium-10</td>
<td>See above</td>
<td>100%</td>
<td>n/a</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation: Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if necessary.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Product is flammable. Use appropriate media for adjacent fire. Cool unopened containers with water. Use dry chemical, foam or carbon dioxide.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES
**Personal precautions, protective equipment & emergency procedures:**
See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:**
Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.

**Methods and material for containment and cleaning up:**
Pick up and arrange disposal without creating dust. Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

**HANDLING & STORAGE**

**Precautions for safe handling:**
See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts.

**Conditions for safe storage, incl. any incompatibilities:**
Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyquaternium-10</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

**Personal Protection:**
- **Eyes:** Wear chemical safety glasses or goggles.
- **Inhalation:** Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
- **Skin:** Wear nitrile or rubber gloves, apron or lab coat.
- **Other:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

**PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance, Physical State:</strong></td>
<td>Light yellowish powder</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Taste</td>
<td>n/a</td>
</tr>
<tr>
<td>Color</td>
<td>Yellowish</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>n/a</td>
</tr>
<tr>
<td><strong>pH (2% sol. in water)</strong></td>
<td>5.5 - 6.5</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapor Pressure:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapor Density:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Upper/lower Explosive Limit:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Solubility:</strong></td>
<td>Soluble in water</td>
</tr>
<tr>
<td><strong>Viscosity (cps):</strong></td>
<td>1,000-2,5000</td>
</tr>
</tbody>
</table>

**STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity:</td>
<td>Product is stable</td>
</tr>
<tr>
<td>Chemical Stability:</td>
<td>Product is stable</td>
</tr>
<tr>
<td>Possibility of Hazardous Reactions:</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>Strong oxidizers</td>
</tr>
<tr>
<td>Incompatible Materials:</td>
<td>Not available</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>Not available</td>
</tr>
<tr>
<td>Special Remarks:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**TOXICOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity:</td>
<td>LD50 &gt; 4g/kg</td>
</tr>
<tr>
<td>Skin:</td>
<td>Not a skin irritant</td>
</tr>
<tr>
<td>Eyes:</td>
<td>Not an eye irritant</td>
</tr>
</tbody>
</table>
Respiratory: May causes irritation, coughing, wheezing
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: Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity
- Aquatic Vertebrate: Not available
- Aquatic Invertebrate: Not available
- Terrestrial: Not available
Persistence and Degradability: Not available
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: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
The information in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

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

15 REGULATORY INFORMATION

OSHA Specifically Regulated Substances: Not listed
CERCLA Hazardous Substance List: Not listed
California Proposition 65: Not listed
Massachusetts RTK: Not regulated
Rhode Island RTK: Not regulated
SARA 302: No
SARA 311/312: Yes
SARA 313 (TRI Reporting): Not regulated
Clean Air Act (CAA) Section 112 and 112r: Not regulated
Safe Drinking Water Act (SDWA): Not regulated

16 OTHER INFORMATION

Revision Date: 08-31-2018
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.