SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Identification:
Global Keratin
5555 Anglers Ave 16B,
Fort Lauderdale, FL 33312, United States of America
Phone #: 1-305-390-0044

Product Name:
Global Keratin Hair Taming System with Juvexin-Resistant

SECTION 2 - HAZARD IDENTIFICATION

Statement of Hazardous Nature

NFPA Ratings: Health: 2 Flammability: 0 Reactivity: 0

This product is classified as: Irritant (Xi/ R43)
Carcinogenic Cat 3 (R40)

Non Flammable. Hazardous according to the criteria of ASCC.
Non Dangerous according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: R40: Carcinogenic Cat 3
R43: Irritant

Safety: Avoid eye contact. Avoid breathing vapors. Avoid direct skin contact.

Emergency Overview
This product is intended to be used only by licensed professional hair dressers. The professional should be aware of this MSDS and how to act in case of emergency.

Major Health Hazards: Eye, skin and respiratory irritant.

Potential Health effects
The following information summarizes human experiences and results of scientific investigations reviewed by health professionals for hazard evaluation and development of Precautionary Measures and Occupational Control Procedures recommended in this document.

Medical Conditions that might be aggravated: None known.

Acute Exposure Effects:
1. Skin: May be irritating to skin.
2. Eyes: May cause moderate irritation upon contact.
3. Inhalation: When expose to high heat, may cause soar throat and coughing and shortness of breath
4. Ingestion: If swallowed, may cause nausea, vomiting and diarrhea.

Repeated Exposure Effects:
1. Skin: May be irritating to the skin. May cause allergic reactions.
2. Inhalation: May cause sore throat, coughing and shortness of breath.
3. Ingestion: If swallowed, may cause nausea, vomiting and diarrhea.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS
The complete ingredient list for the finished product is as follows: Water/Aqua/Eau, Glycerin, Keratin (Juvexin), Cyclopentasiloxane, Phenyl Trimethicone, Butylene Glycol, Strawberry: Fragaria Vesca Fruit Extract, Coco Nucifera (Coconut Oil), PEG-12 Dimethicone, Stearyl Alcohol, Dimethicone, Cetearyl Alcohol, Cetrimonium Chloride, Hydroxyethylcellulose, Hydrolyzed Rice Protein, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Polysorbate 20, Disodium EDTA, and Aroma/Flavor.

<table>
<thead>
<tr>
<th>INCI</th>
<th>CAS#</th>
<th>%</th>
<th>OSHA TWA (ppm)</th>
<th>HSIS TWA (ppm)</th>
<th>OSHA STEL (ppm)</th>
<th>HSIS STEL (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylparaben</td>
<td>99-76-3</td>
<td>&lt;0.30</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>Propylparaben</td>
<td>94-13-3</td>
<td>&lt;0.30</td>
<td>NA</td>
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<tr>
<td>Methylene Oxide</td>
<td>463-57-0</td>
<td>&lt;4.0</td>
<td>NA</td>
<td>NA</td>
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</tbody>
</table>

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

**SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES**

**Skin:** If irritation occurs, immediately flush skin with plenty of water.
**Eyes:** If product gets in the eyes flush eyes with running cold water for at least 15 minutes keeping eyelids opened. Get medical attention.
**Inhalation:** If inhalation causes sore throat, coughing or shortness of breath remove person to fresh air. Seek medical attention.
**Ingestion:** Call a physician immediately.

**SECTION 5 - FIRE PROTECTION AND FIRE FIGHTING INFORMATION**

**Flash Point:** This Product is not Flammable
**Auto ignition Temperature:** Not established.
**Combustibility:** Not flammable.
**Extinguishing Media:** N/A
**Special Fire Fighting Procedures:** Remove all ignition sources.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Environmental Precautions:** Not established.
**Methods for cleaning up:** Clean with absorbent materials (cloth, paper towel); for hardened product (cloth, paper towel).

**SECTION 7 - HANDLING AND STORAGE PROCEDURES**

**Handling:** Avoid eye contact. Avoid breathing vapors. Avoid direct skin contact.
**Storage:** Store between 40°F and 120°F (5°C and 49°C) Avoid direct sunlight or localized overheating.

**SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION**

**ACGIH Threshold Limit Value (TLV):** 0.3 ppm Ceiling formaldehyde, Sensitizer, A2 Suspected Human Carcinogen
Listed in the California cancer chemicals list in January 1988.
**Eye Protection:** Use safety glasses if splash hazard exist.
**Skincare Protection:** Use gloves to prevent skin contact.

**Ventilation:** Use adequate ventilation (e.g., local exhaust ventilation, open doors and windows) mainly when multiple treatments are done at the same time in a small area, to keep employee exposures below the Airborne Exposure Limits.

**SECTION 9 - PHYSICAL PROPERTIES**

**Appearance:** Low viscosity liquid  
**Odor:** Characteristic  
**Vapor Pressure (at 20°C mm Hg):** N/A  
**Viscosity @ 25°C (centipoise):** 300-500 cps  
**pH:** 4.0-5.0  
**Specific Gravity @ 25/25°C:** 0.95-1.00  
**Solubility in Water:** (wt %): 100%  
**Solubility in other solvents:** 80%

**SECTION 10 - REACTIVITY DATA**

**Stability:** Stable when stored in a cool dry location out of direct sunlight away from heat  
**Incompatibility with other Substance:** High Temperature and direct sunlight  
**Hazardous Polymerization:** Does not occur

**SECTION 11 - TOXICOLOGY INFORMATION**

This product contains Methylene Glycol in amounts below the maximum permitted by the European Commission "Cosmetics Directive" 76/768/EEC and Cosmetic Ingredients Review.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>NTP Carcinogen</th>
<th>IARC</th>
<th>OSHA</th>
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<tbody>
<tr>
<td>Methylene Glycol</td>
<td>No</td>
<td>Yes</td>
<td>2A</td>
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</table>

**SECTION 12 - ECOLOGICAL INFORMATION**

No ecological hazards have been tested to be associated with this product.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Small quantities as used in a salon may safely be flushed down the sink. However, if you have old or redundant stock, call your local council, or your supplier for disposal advice.

**SECTION 14 - TRANSPORTATION INFORMATION**

Finished packaged product transported by ground (DOT): Non hazardous  
Finished packaged product transported by vessel (IMDG): Non hazardous  
Finished packaged product transported by air (IATA): Non hazardous

**SECTION 15 - REGULATORY INFORMATION**

**Federal, State & International Regulations:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>SARA 302 RQ</th>
<th>SARA 313 Listed</th>
<th>RCRA Code</th>
<th>CAA 112(r) TQ</th>
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</thead>
<tbody>
<tr>
<td>Methylene Glycol</td>
<td>100</td>
<td>Yes</td>
<td>U122</td>
<td>15,000</td>
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**Federal, State & International Regulations (Continue):**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CERCLA 8(d)</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene Glycol</td>
<td>100</td>
<td>No</td>
</tr>
</tbody>
</table>

**AICS:** All of the ingredients in the formulation are compliant with NICNAS regulations.  
**European Commission "Cosmetics Directive" 76/768/EEC and Cosmetic Ingredients Review:** All of the ingredients in the formulation are compliant with these regulations.
US Federal: All of the ingredients in the formulation are compliant with the Federal Food, Drug, and Cosmetics Act and this product is safe to be used by professional hairdressers previously trained and certified to make this treatment.

SECTION 16 - OTHER INFORMATION

This MSDS contains only safety-related information. For other data see product literature.

To the best of our knowledge, the information contained herein is accurate. However, neither Global Keratin nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.