1. PRODUCT & COMPANY IDENTIFICATION

1.1 Product Name: KERATIN EXPRESS PLUS SMOOTHING TREATMENT

1.2 Chemical Name: NA

1.3 Synonyms: NA

1.4 Trade Names: Keratin Express PLUS Smoothing Treatment

1.5 Product Uses & Restrictions: Professional or Cosmetic Use Only

1.6 Distributor’s Name: Keratin Express

1.7 Distributor’s Address: 848 N. Rainbow Blvd., Suite #3732, Las Vegas, NV 89107 USA

1.8 Emergency Phone:

CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300

1.9 Business Phone / Fax: +1 (800) 267-9862

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE but not as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia).

WARNING! CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Classification: Skin Irrit. 2; Eye Irrit. 2; Aquatic Chronic 1


3. COMPOSITION & INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS No.</th>
<th>RTECS No.</th>
<th>EINECS No.</th>
<th>%</th>
<th>ACGIH</th>
<th>NOHSC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQUA (WATER/EAU)</td>
<td>7732-18-5</td>
<td>ZCO1100000</td>
<td>231-791-2</td>
<td>40-90</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>CETEARYL ALCOHOL</td>
<td>8005-44-5</td>
<td>NA</td>
<td>267-008-6</td>
<td>1.0-5.0</td>
<td>NA</td>
<td>NA</td>
<td>NF</td>
</tr>
<tr>
<td>BEHENTRIMONIUM METHOSULFATE</td>
<td>81646-13-1</td>
<td>NA</td>
<td>279-791-1</td>
<td>1.0-5.0</td>
<td>NA</td>
<td>NA</td>
<td>NF</td>
</tr>
<tr>
<td>CYSTINE BIS-PG-PROPYL SILANETRIOL</td>
<td>NA</td>
<td>NA</td>
<td>1.0-5.0</td>
<td>NA</td>
<td>NA</td>
<td>NF</td>
<td></td>
</tr>
<tr>
<td>FORMALDEHYDE</td>
<td>50-00-0</td>
<td>LP8925000</td>
<td>200-001-8</td>
<td>0.1-1.0</td>
<td>(0.3)</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td>ALOE BARBADENSIS LEAF JUICE</td>
<td>85507-69-3</td>
<td>NA</td>
<td>287-390-8</td>
<td>0.1-1.0</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>FRAGRANCE (PARFUM)</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.1-1.0</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>COCODIMONIUM HYDROXY-PROPYL HYDROLYZED KERATIN</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>0.0-0.1</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>THEOBROMA CACAO SEED BUTTER</td>
<td>8002-31-1</td>
<td>NA</td>
<td>283-480-6</td>
<td>0.0-0.1</td>
<td>NA</td>
<td>NA</td>
<td>NF</td>
</tr>
<tr>
<td>CALENDULA OFFICINALIS EXTRACT</td>
<td>84776-23-8</td>
<td>NA</td>
<td>283-949-5</td>
<td>0.0-0.1</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

* Formaldehyde, when dissolved in water forms a diol called methylene glycol or methane-diol, which has a different CAS number of 463-57-0. Formaldehyde gas and the methylene glycol solution exist in a dynamic and reversible equilibrium, and therefore, the aqueous solution is capable of releasing formaldehyde gas [Winkelman et al. 2002; Oregon OSHA 2010a; Consumer Federation of America 2011]. An Oregon OSHA report concluded that for the purposes of worker protection it is appropriate to refer to both the hydrated and the non-hydrated formaldehyde as formaldehyde [Oregon OSHA 2010a]. In addition, the OSHA formaldehyde standard applies to all occupational exposures to formaldehyde (i.e., formaldehyde gas) its solutions, and other materials that release formaldehyde [29 CFR 1910.1048].

4. FIRST AID MEASURES

4.1 First Aid:

**Ingestion:** DO NOT INDUCE VOMITING. Contact ChemTrec at 703-527-3887 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim’s head lowered (forward) to reduce the risk of aspiration. If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek medical attention. Do not wear contaminated clothing until after it has been properly cleaned.

**Eyes:**

If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek medical attention.

**Skin:**

Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned.

**Inhalation:**

Remove victim to fresh air at once.

4.2 Effects of Exposure:

**Ingestion:** If product is swallowed, may cause nausea, vomiting and/or diarrhea.

**Eyes:** Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.

**Skin:** May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.

**Inhalation:** None expected.

4.3 Symptoms of Overexposure:

Overexposure in eyes may cause redness, itching and watering. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.

4.4 Acute Health Effects:

Moderate irritation to eyes. Moderate irritation to skin near affected areas.

4.5 Chronic Health Effects:

No harmful or chronic health effects are expected to occur from a single accidental ingestion. This product contains ingredients which may be a sensitizer to some sensitive individuals.

4.6 Target Organs:

Eyes, Skin

4.7 Medical Conditions Aggravated by Exposure:

Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin).

5. FIREFIGHTING MEASURES

5.1 Fire & Explosion Hazards:

This product is non-flammable. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO₂) and nitrogen (e.g., NOₓ) and smoke.

5.2 Extinguishing Methods:

Water, Foam, CO₂, Dry Chemical

5.3 Firefighting Procedures:

As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.

For small spills (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

For large spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices:

Do not eat, drink, or smoke while handling this product.

7.2 Storage & Handling:

Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames.

7.3 Special Precautions:

Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.
8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Exposure Limits:

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>ACGIH</th>
<th>NOHSC</th>
<th>OSHA</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TLV</td>
<td>STEL</td>
<td>ES-TWA</td>
<td>ES-STEL</td>
</tr>
<tr>
<td>FORMALDEHYDE</td>
<td>(0.3)</td>
<td>10</td>
<td>2</td>
<td>2.5</td>
</tr>
</tbody>
</table>

8.2 Ventilation & Engineering Controls:
When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

8.3 Respiratory Protection:
No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

8.4 Eye Protection:
AVOID EYE CONTACT DUE TO IRRITATION POTENTIAL. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.

8.5 Hand Protection:
AVOID SKIN CONTACT DUE TO SENSITIZATION POTENTIAL. However, if anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

8.6 Body Protection:
AVOID SKIN CONTACT DUE TO SENSITIZATION POTENTIAL. However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Appearance:
Milky liquid

9.2 Odor:
Fresh odor

9.3 Odor Threshold:
NA

9.4 pH:
NA

9.5 Melting Point/Freezing Point:
NA

9.6 Initial Boiling Point/Boiling Range:
NA

9.7 Flashpoint:
NA

9.8 Upper/Lower Flammability Limits:
NA

9.9 Vapor Pressure:
NA

9.10 Vapor Density:
NA

9.11 Relative Density:
NA

9.12 Solubility:
NA

9.13 Partition Coefficient (log Pow):
NA

9.14 Autoignition Temperature:
NA

9.15 Decomposition Temperature:
NA

9.16 Viscosity:
NA

9.17 Other Information:
NA

10. STABILITY & REACTIVITY

10.1 Stability:
This product is stable.

10.2 Hazardous Decomposition Products:
Oxides of carbon (CO, CO₂) and sulfur (SO₂).

10.3 Hazardous Polymerization:
Will not occur.

10.4 Conditions to Avoid:
Open flames, sparks and high heat.

10.5 Incompatible Substances:
Strong oxidizing and strong reducing agents.

11. TOXICOLOGICAL INFORMATION

11.1 Routes of Entry:
Inhalation: YES Absorption: YES Ingestion: YES

11.2 Toxicity Data:
This product has NOT been tested on animals to obtain toxicity data. Toxicology data, found in scientific literature, is available for some of the components of the product.

Formaldehyde: LD₅₀ (oral, rat) = 5,682 mg/kg; LD₅₀ (oral, mouse) = 7,300 mg/kg; LC₅₀ (inh-6h, rat) = 64,000 ppm/4h

11.3 Acute Toxicity:
See Section 4.4

11.4 Chronic Toxicity:
See Section 4.5

11.5 Suspected Carcinogen:
This product contains Formaldehyde which is listed ACGIH A2 – Suspected Human Carcinogen; NIOSH – occupational carcinogen; NTP – Suspected carcinogen; OSHA – Possible select carcinogen; California – Carcinogen initial date 01/01/1988.
11. TOXICOLOGICAL INFORMATION – cont’d

11.6 Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans.

11.7 Mutagenicity: This product is not reported to produce mutagenic effects in humans.

11.8 Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.

11.9 Teratogenicity: This product is not reported to cause teratogenic effects in humans.

11.10 Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.

11.11 Irritancy of Product: See Section 4.3

11.12 Biological Exposure Indices: NE

11.13 Physician Recommendations: Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1 Environmental Stability: There are no specific data available for this product.

12.2 Effects on Plants & Animals: There are no specific data available for this product.

12.3 Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal: Dispose of in accordance with federal, state and local regulations.

13.2 Special Considerations: NA

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1 49 CFR (GND): NOT REGULATED

14.2 IATA (AIR): NOT REGULATED

14.3 IMDG (OCN): NOT REGULATED

14.4 TDGR (Canadian GND): NOT REGULATED

14.5 ADR/RID (EU): NOT REGULATED

14.6 SCT (MEXICO): NOT REGULATED

14.7 ADGR (AUS): NOT REGULATED

15. REGULATORY INFORMATION

15.1 SARA Reporting Requirements: This product contains Formaldehyde, a substance subject to SARA Title III, section 313 reporting requirements.

15.2 SARA Threshold Planning Quantity: There are no specific Threshold Planning Quantities for the components of this product.

15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory.

15.4 CERCLA Reportable Quantity (RQ): NA

15.5 Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration’s 21 CFR subchapter G (Cosmetics). Formaldehyde is listed as a Hazardous Air Pollutant (HAP). This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters. Formaldehyde is listed as a Hazardous Substance under the CWA.

15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects)

15.7 State Regulatory Information: Formaldehyde is found on the following state criteria list: California Proposition 65 (CA65), Florida Toxic Substances List (FL), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), Massachusetts Hazardous Substances List (MA), and Minnesota Hazardous Substances List (MN).

No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).

WARNING: This product contains Formaldehyde, a chemical know to the state of California to cause cancer. California No Significant Risk Level NOEL = 40 µg/day.

### 16. OTHER INFORMATION

#### 16.1 Other Information:

**WARNING!** CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Use only as directed. Discontinue use if irritation develops. Wash with soap and water thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatments see this label. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage. Store locked up. **KEEP OUT OF REACH OF CHILDREN.**

**WARNING:** This product contains Formaldehyde, a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

#### 16.2 Terms & Definitions:

See last page of this Safety Data Sheet.

#### 16.3 Disclaimer:

This Safety Data Sheet is offered pursuant to OSHA’s Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate’s & Keratin Express’ knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

#### 16.4 Prepared for:

**Keratin Express**
848 N. Rainbow Blvd., Suite #3732
Las Vegas, NV 89107 USA
Tel: +1 (800) 267-9862
Email: info@Keratin-Express.com
http://www.Keratin-Express.com

#### 16.5 Prepared by:

**ShipMate, Inc.**
P.O. Box 787
Sisters, Oregon 97759-0787 USA
Tel: +1 (310) 370-3600
Fax: +1 (310) 370-5700
http://www.shipmate.com
SAFETY DATA SHEET

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.  Chemical Abstract Service Number
ACGIH  American Conference on Governmental Industrial Hygienists
C Ceiling Limit
ES Exposure Standard (Australia)
IDLH Immediately Dangerous to Life and Health
OSHA U.S. Occupational Safety and Health Administration
PEL Permissible Exposure Limit
STEL Short-Term Exposure Limit
TLV Threshold Limit Value
TWa Time Weighted Average

FIRST AID MEASURES:

CPR  Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0 Minimal Hazard
1 Slight Hazard
2 Moderate Hazard
3 Severe Hazard
4 Extreme Hazard

PERSONAL PROTECTION RATINGS:

A Full Face Respirator
B Respirator
C Safety Glasses
D Synthetic Apron
E Face Shield & Protective Eyewear
F Face Protection
G Gloves
H Splash Goggles
I Protective Clothing & FullSuit
J Protective Clothing
K Dust Respirator
L Full Face Respirator
M Dust & Vapor Half-Mask Respirator
N Airline Hood/Mask or SCBA
O Respirator & Full Suit

OTHER STANDARD ABBREVIATIONS:

ML Maximum Limit
mg/m3 milligrams per cubic meter
K Not Available
ND Not Determined
NE Not Established
NPF Not Found
NR No Results
ppm parts per million
SCBA Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:

Autoignition Temperature Minimum temperature required to initiate combustion in air with no other source of ignition
LEL Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0 Minimal Hazard
1 Slight Hazard
2 Moderate Hazard
3 Severe Hazard
4 Extreme Hazard

HAZARD RATINGS:

ACD  Acidic
ALK Alkaline
COR Corrosive
OX Oxidizer
TREFOIL Radioactive

HMIS-III National Fire Protection Association

USE No Water

FIRE AND EXPLOSION RATING:

X Consult your supervisor or SOPs for special handling directions.

REGULATORY INFORMATION:

WHMIS Canadian Workplace Hazardous Material Information System
DOT U.S. Department of Transportation
TC Transport Canada
EPA U.S. Environmental Protection Agency
DSL Canadian Domestic Substance List
NOHSC National Occupational Health and Safety Commission (Australia)
NDSL Canadian Non-Domestic Substance List
PSC Canadian Priority Substances List
TSCA U.S. Toxic Substance Control Act
WKG Wassergangfähigkeitsklassen (German Water Hazard Class)

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Compressed Flammable Oxidizing Toxic Irritation Infectious Corrosive Reactive

EC (67/548/EEC) INFORMATION:

C Corrosive
E Explosive
F Flammable
H Harmful
O Oxidizing
T Toxic
I Irritant
X Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01 GHS02 GHS03 GHS04 GHS05 GHS06 GHS07 GHS08 GHS09

Explosive Flammable Oxidizer Pressurized Corrosive Toxic Harmful Irritating Health Hazard Environment