



## MATERIAL SAFETY DATA SHEET

Straightening system – Zelo Action Keratin

MSDS DATE: 3/10/18

Version 1.

---

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

PRODUCT NAME: Zelo Action Keratin

PRODUCT NUMBER: Zelo Action Keratin

MANUFACTURER: BOCA COSMETICS GROUP

DIVISION: R&D Department

ADDRESS: 6464 E Rogers Circ, Boca Raton, FL 33487

EMERGENCY PHONE: 561-932-3820

TECHNICAL PHONE: 561-932-3820

CHEMICAL NAME:

CHEMICAL FAMILY: ORGANIC ACIDS

CHEMICAL FORMULA: Ingredient list

PRODUCT USE: PRODUCT IS USED TO REDUCE THE VOLUME OF HAIR

PREPARED BY: R&D Department

---

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

---

**INGREDIENT:** AQUA, PROPYLENE GLYCOL, GLYCERIN, PROPYLENE GLYCOL DICAPRYLATE, PPG-1 TRIDECETH-6, LACTIC ACID, POLYQUATERNIUM-7, GLYCOLIC ACID, POLYQUATERNIUM 37, BEHENTRIMONIUM CHLORIDE, COCOS NUCIFERA OIL, SERICIN, GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE, PHENOXYETHANOL, CAPRYLYL GLYCOL, CINNAMAL, HEXYL CINNAMAL, BUTYLPHENYL METHYLPROPIONAL, AMYL CINNAMAL, HEXYL SALICYLATE, CETYL ACETATE, ACETYLATED LANOLIN ALCOHOL, CETEARETH-20, VEGETABLE OILS, CETEARYL ALCOHOL, HYDROLYZED QUINOA, HYDROLYZED KERATIN, KINASE (PHOSPHORYLATING) CREATINE, PEG-10, IMIDAZOLIDINYL UREA, DISODIUM EDTA, BHT, PARFUM

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
BLEND	100%	N/A	NO

ABOVE INGREDIENT LIST

---

### SECTION 3: HAZARDS IDENTIFICATION

---



## **MATERIAL SAFETY DATA SHEET**

**EMERGENCY OVERVIEW:** May cause eye irritation, Could cause skin dryness.

**ROUTES OF ENTRY:** Not applicable

### **POTENTIAL HEALTH EFFECTS:**

**EYES:** Risk of eye irritation

**SKIN:** Risk of skin dryness

**INGESTION:** Cause serious irritation to gastrointestinal tract.

**INHALATION:** Not applicable.

**ACUTE HEALTH HAZARDS:** Highly detrimental in case of contact with eyes. Never ingest this product. Can be irritating to the skin.

**CHRONIC HEALTH HAZARDS:** Not reported

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Not reported

---

### **CARCINOGENICITY**

**OSHA:** N/A  
**OTHER:** N/A

**ACGIH:** N/A

**NTP:** N/A

**IARC:** N/A

---

### **SECTION 4: FIRST AID MEASURES**

**EYES:** Wash eyes with abundant amounts of water for at least 15 minutes, separating the eyelids with fingers and while holding eye open. Seek immediate medical attention.

**SKIN:** In case of irritation to skin, seek immediate medical attention. Immediately wash skin with abundant amounts of water for at least 15 minutes.

**INGESTION:** Do not induce vomiting. Seek immediate medical attention.

**INHALATION:** In the event of irritation, seek fresh air attention if discomfort continues seek for medical attention.



## **MATERIAL SAFETY DATA SHEET**

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Symptomatic treatment and support.**

---

### **SECTION 5: FIRE-FIGHTING MEASURES**

---

**FLAMMABLE LIMITS IN AIR, UPPER: N/A**  
**(% BY VOLUME) LOWER: N/A**

**FLASH POINT: 111 ° C @ 760 mmHg**

**METHOD USED: N/A**

**AUTOIGNITION TEMPERATURE: N/A**

#### **NFPA HAZARD CLASSIFICATION**

**HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 1**  
**OTHER:**

#### **HMIS HAZARD CLASSIFICATION**

**HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 1**

**EXTINGUISHING MEDIA: As in any fire, use self contained breathing apparatus with pressure demand, MSHA (approved or equivalent) and combustible substance.**

**Means of Extinction: Combustible substance; use agent most appropriate. Extinguish fire on or around fire.**

**Flash point: Not available**

**Temperature of Auto Ignition: Not available**

**Explosion Limits, inferior: Not available. High: Not available.**

**SPECIAL FIRE FIGHTING PROCEDURES: Unusual fire and explosion-No record**

**UNUSUAL FIRE AND EXPLOSION HAZARDS: No record**

**HAZARDOUS DECOMPOSITION PRODUCTS: N/A**



## **MATERIAL SAFETY DATA SHEET**

---

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

#### **ACCIDENTAL RELEASE MEASURES:**

**Spills/Leaks:** Absorb spills with inert material (ex. area, vermiculite or earth) then place in suitable container. Use appropriate safety glasses, gloves.

---

### **SECTION 7: HANDLING AND STORAGE**

---

#### **HANDLING AND STORAGE:**

**Products and Incompatible Materials:** Alkalis and oxidizing.

**Measures for personal care:** Avoid contact with eyes. Do not ingest or inhale.

**Guidelines for safe handling:** Keep out of the reach of children.

**OTHER PRECAUTIONS:** Keep container tightly closed in a ventilated area

---

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

**ENGINEERING CONTROLS:** Facilities storing or utilizing this material should be equipped with an eyewash and emergency shower.

**VENTILATION :** Natural ventilation.

**RESPIRATORY PROTECTION:** There is no need for respiratory protection. Masque recommended.

**EYE PROTECTION:** Use of eye protection

**SKIN PROTECTION:** Use gloves

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** No need for special clothing.

**WORK HYGIENIC PRACTICES:** Routine personal hygiene.

**EXPOSURE GUIDELINES:** N/A

---

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

---



## **MATERIAL SAFETY DATA SHEET**

**APPEARANCE:** Yellowish liquid

**ODOR:** Characteristic essence

**PHYSICAL STATE:** Liquid with medium viscosity

**pH AS SUPPLIED:** 2.0 - 2.5

**pH (Other):** N/A

**BOILING POINT:** approx.

F: 212<sup>0</sup>

C: 100<sup>0</sup>

**MELTING POINT** :Above:

F: 32<sup>0</sup>

C: 0<sup>0</sup>

**FREEZING POINT:** Below:

F: 32<sup>0</sup>

C: 0<sup>0</sup>

**VAPOR PRESSURE (mmHg):** N/A

**VAPOR DENSITY (AIR = 1):** N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):**m 0,99

**EVAPORATION RATE:** N/A

**BASIS (=1):** N/A

---

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)**

---

**SOLUBILITY IN WATER:** Soluble

**PERCENT SOLIDS BY WEIGHT:** N/A

**PERCENT VOLATILE:** N/A

**VOLATILE ORGANIC COMPOUNDS (VOC):** N/A

**MOLECULAR WEIGHT:** N/A

**VISCOSITY:** 22.000 mPas



## **MATERIAL SAFETY DATA SHEET**

---

### **SECTION 10: STABILITY AND REACTIVITY**

---

**STABILITY:** Stable

**Hygroscopic:** Absorbs moisture from the air or water

**CONDITIONS TO AVOID (STABILITY):** Excess Heat.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Metals, oxidizing agents, strong bases

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:** Has not been reported.

**CONDITIONS TO AVOID (POLYMERIZATION):** N/A

---

### **SECTION 11: TOXICOLOGICAL INFORMATION**

---

**TOXICOLOGICAL INFORMATION:** Animal toxicity: Acute oral toxicity (DL50): 3000 mg/kg  
Chronic affects on humans: Can cause damage to the following organs: membranes, skin, eyes  
Other toxic effects on humans: Very dangerous in case of contact with skin (irritant), ingested, inhaled, contact with eyes (corrosive). Slightly harmful in case the case of contact with skin

**Special Observations to toxicity to humans:** Acute potential effects to health.

**Eyes:** Causes Severe irritation. Can cause chemical conjunctive and corneal injury.

**Inhaled:** Causes irritation to respiratory tract

**Causes irritation regarding gastrointestinal and burns.**

**Skin:** Repeated exposure can cause sensitivity to skin, allergic reaction.

---

### **SECTION 12: ECOLOGICAL INFORMATION**

---



## **MATERIAL SAFETY DATA SHEET**

**ECOLOGICAL INFORMATION:** Can be dangerous if contaminated reservoir of potable water. Dangerous to aquatic life in high concentration. Do not empty into drains.

---

### **SECTION 13: DISPOSAL CONSIDERATIONS**

---

**WASTE DISPOSAL METHOD:** Contain spill with sand, dirt or adequate material. Absorb spill with inert material. Any remains should be placed in suitable container.

**RCRA HAZARD CLASS:** N/A

---

### **SECTION 14: TRANSPORT INFORMATION**

---

**DOT Classification:** Not a DOT controlled material (United States)

**Identification:** Not applicable

**Special Provisions for Transport:** N/A

---

### **SECTION 15: REGULATORY INFORMATION**

---

N/A

---

### **SECTION 16: OTHER INFORMATION**

---

**The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Boca Cosmetics Group be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if Boca Cosmetics Group has been advised of the possibility of such damages.**