



MATERIAL SAFETY DATA SHEET

Straightening system – Zelo Action Keratin

MSDS DATE: 3/10/14

Version 1.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Zelo Action Keratin

PRODUCT NUMBER: Zelo Action Keratin

MANUFACTURER: BOCA COSMETICS GROUP

DIVISION: Hair Care Division

ADDRESS: 7610 NW 6 AVE, Boca Raton, FL 33487

EMERGENCY PHONE: 561-431-1477

TECHNICAL PHONE: 800-890-8893

FAX PHONE: 561-431-0423

CHEMICAL NAME:

CHEMICAL FAMILY: ORGANIC ACIDS

CHEMICAL FORMULA: Ingredient list

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

PREPARED BY: Claudio Correia

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: Symtomatic 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 combustibile 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: 212⁰

C: 100⁰

MELTING POINT :Above:

F: 32⁰

C: 0⁰

FREEZING POINT: Below:

F: 32⁰

C: 0⁰

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H₂O = 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.