

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Company Identification:**

KERATIN RESEARCH  
1669 NW 144 Terrace  
SUNRISE, FL 33323, USA  
Telephone Number: 1-954-380-4960  
International Number: 1-954-380-4960

**Product Name:**

**KERATIN RESEARCH- KERATIN HAIR TREATMENT, ORIGINAL**

**SECTION 2 -HAZARD IDENTIFICATION****Statement of Hazardous Nature**

**NFPA Ratings:** Health: 1 Flammability: 0 Reactivity: 0 Other information: N/A

This product is classified as: Irritant (Xi/R43) Non Flammable. Non-Hazardous according to the criteria of ASCC

Non-Dangerous according to the Australian Dangerous Goods (ADG) Code

Non-Hazardous according to European Commission "Cosmetics Directive" 76/768/EEC and Cosmetic Ingredients Review

**Risk Phrases:** 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 summarized human experiences and results of scientific investigations reviews 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 irritant:** May be irritating to the skin.
- 2- Inhalation:** When exposed to high heat (>375F may cause sore throat and coughing and shortness of breath.
- 3- Eyes:** May cause moderate irritation upon contact.
- 4- Ingestion:** If swallowed, may cause nausea, vomiting, and diarrhea.

**SECTION 3****Repeated Exposure Effects:**

- 1. Skin:** May be irritating to skin. May cause allergic reactions.
- 2. Inhalation:** May cause sore throat and coughing and shortness of breath
- 3. Eyes:** May cause moderate irritation upon contact
- 4. Ingestion:** If swallowed, may cause nausea, vomiting, and diarrhea

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 equaled (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.

Ingredients: Deionized Water, Cetearyl Alcohol, Cetrimonium Bromide, Hydrolyzed Keratin, Cetrimonium chloride, glycerin, mineral oil, hydroxypropyl guar, PEG 12 demethicone, Petrolatum, Cocos Nucifera (Coconut) Oil, polyquaternium-37, propylene glycol dicaprylate/dicaprate, PPG-1 trideceth 6, Argania Spinosa (Argan) Oil, Amodimethicone, Dimethiconol, Acetamide MEA, propylene glycol, Panthenol, Sorbitol, Sodium Cocoyl Collagen Amino Acid, Cocoyl Sarcosine, Wheat Germ acid, Triticum Vulgare (Wheat) Germ Oil, triticum vulgare (wheat) germ oil, , Linolenic Acid, Linoleic Acid, Sulfur, Polysorbate 80, Oleth-10, Simmondsia Chinensis (Jojoba) Seed Oil, Tocopheryl Acetate, formaldehyde, Hydrolyzed Glycosaminoglycans, Cyclopentasiloxane

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

- 1- Skin:** Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, you should contact a physician.
- 2 - Eyes:** Immediately flush with running cold water for 15 minutes occasionally lifting eyelids. Seek medical attention
- 3 - Inhalation:** If respiratory irritation occurs, remove individual to fresh air. Seek medical attention
- 4 - Ingestion:** Accidental ingestion of product will necessitate medical attention. Do not induce vomiting.

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

**Flash Point:** N/A

**Flammable limits:** N/A

**LEL:** N/A

**UEL:** N/A

**Auto ignition Temperature:** N/A

**Combustibility:** N/A

**Extinguishing Media:** Carbon dioxide, dry chemical, foam, or water spray

**Fire Fighting Procedures:** Contact emergency personnel. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved.

**Unusual Fire Fighting Procedures:** None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Environmental Precautions:** N/A

**Methods for cleaning up:** Soak up with absorbent materials and wash with water; place in non-leaking containers for appropriate disposal.

**SECTION 7 – SPECIAL PROTECTIVE INFORMATION**

**Respiratory Protection:** Not applicable under normal conditions

**Ventilation:**

**Local Exhaust:** Recommended

**Special:** None

**Mechanical:** None

**Other:** None

**Skin Protection:**

Use Resistant Plastic or rubber gloves when touching the product itself or cleaning spills.

**Eye Protection:**

Use Safety glasses or goggles if and when needed to prevent contact with the eyes.

**SECTION 8 – HANDLING & STORAGE**

**Storage:** Store upright at room temperature. In order to maintain product quality do not store near heat source or in direct sunlight.

**Handling**

Avoid eye contact. Avoid direct skin contact.

**Other Precautions:** Avoid bacterial contamination. Keep containers tightly closed when not in use.

**Waste Disposal Method:** Do not contaminate food or feed by storage or disposal. Do not reuse empty container. Wrap empty container and throw in trash collection. Dispose of according to federal, state, and local regulations regarding health, air, and water pollution.

**SECTION 9 - PHYSICAL PROPERTIES**

**Appearance:** Low viscosity liquid

**Color:** Creamy white

**Odor:** Characteristic floral

**Vapor Pressure** (@ 20 C mm Hg): N/A

**Vapor Density** (AIR=1): N/A

**Viscosity @25°C:** 300-500 cps

**pH:** 4.0-5.0

**Specific Gravity** (H2O=1): 0.95 to 1.00 @ 25°C

Solubility in water: (wt%): 100%

**Solubility in other solvents:** 80%

**Melting Point:** N/A

**Evaporation Rate** (Butyl Acetate=1): N/A

**SECTION 10 - REACTIVITY DATA**

**Stability:** Stable when store in a cool dry location out of direct sunlight away from heat.

**Conditions to avoid:** Direct Heat

**Incompatibility:** High temperature and direct sunlight

**Hazardous Polymerization:** Does not occur

**Hazardous Decomposition Products:** Unknown

**SECTION 11 - TOXICOLOGY INFORMATION**

Ingredient	--NTP Carcinogen--		IARC	OSHA
	KNOWN	ANTICIPATED		
Formaldehyde (50-00-0)	yes	yes	Group 1	Regulated

**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 supplier for disposal advice.

Do not contaminate food or feed by storage or disposal. Do not reuse empty container. Wrap empty container and throw in trash collection. Dispose of according to federal, state, and local regulations regarding health, air, and water pollution.

**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:**

<u>Ingredient</u>	<u>SARA 302</u>	<u>SARA 313</u>	<u>RCRA Code</u>
	<u>RQ</u> <u>TPO</u>	<u>LISTED</u>	
Formaldehyde (50-00-0)	1000lbs 500lbs	Listed	U122

**Federal, State & International Regulations (Continue):**

	<u>CERCLA</u>	<u>TSCA</u>
Formaldehyde (50-00-0)	Hazardous Substance-RQ:1,000lbs	Listed

**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 hair dressers.

**SECTION 16 - OTHER INFORMATION**

**Expiration Date:**

2 YEARS FROM OPENING DAY

We believe that the information contained in this M.S.D.S is correct as of this date. However, because the material may be used under conditions which we have no control of or in ways we cannot anticipate, we give no warranty, expressed or implied, as to accuracy of the information and assume no responsibility for any damage to person, property or business arising from such use. Moreover, it is the responsibility of the purchaser or user of this material to ensure that is properly and safely used.

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer Identification:**

Keratin Research Inc  
1669 NW 144 TERRACE  
Fort Lauderdale , FL 33323, United States of America  
Telephone Number: 1-888-503 6638  
International Number: 1-305-791-2241

**Product Name:**

**KERATIN RESEARCH CLARIFYING SHAMPOO**

**SECTION 2 -HAZARD IDENTIFICATION**

**Statement of Hazardous Nature**

***NFPA Ratings:*** Health: 0 Flammability: 0 Reactivity: 0 Other information: N/A

This product is classified as: Non Flammable. Non-Hazardous according to the criteria of ASCC

Non-Dangerous according to the Australian Dangerous Goods (ADG) Code

Non-Hazardous according to European Commission "Cosmetics Directive" 76/768/EEC and Cosmetic Ingredients Review

**Acute Exposure Effects:**

- 1- Skin irritant:** Not expected to be irritating when used as intended. If irritation occurs following intended use or prolonged contact it is expected to be mild and transient.
- 2- Inhalation:** Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated
- 3- Eyes:** May cause mild redness or irritation
- 4- Ingestion:** Not considered a likely route of entry.

**Repeated Exposure Effects:**

- 1. Skin:** Overexposure may cause a skin reaction such as redness
- 2. Inhalation:** Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated

**SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS**

Description (Raw Material Name)	CAS Number	FUNCTION	wt %	Percent allowed by European Commission "cosmetics Directive" 76/768/EEC and Cosmetics Ingredients
Deionized Water	7732-18-5	Carrier	Up to 100	-
Sodium Laureth Sulfate	3088-31-1	Emulsifier	10	-
Cocamide DEA	68603-42-9	Emulsifier	3	-
Cocamidopropylamine Oxide	68155-09-9	Conditioner	3	-
Cocamidopropyl Betaine	61789-40-0	Conditioner	3	-
Propylene Glycol	57-55-6	Humectant	1	-
Sodium Chloride	7647-14-5	Viscosity Adjuster	0.5	-
Fragrance	N/A	Aroma	0.5	-
Methylparaben	99-76-3	Preservative	0.3	-
Propylparaben	94-13-3	Preservative	0.2	-
FD&C Yellow #5				-
FD&C Yellow #5	1934-21-0	Pigment	0.0002	-
FD&C Blue # 1	3844-45-9	Pigment	0.0001	-

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 equaled (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****Threshold Limit value**

N/A

**Emergency and First Aid Procedures**

**1- Skin:** Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, you should contact a physician.

**2 - Eyes:** Immediately flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Seek medical attention if irritation develops.

**3 - Inhalation:** If respiratory irritation occurs, remove individual to fresh air.

**4 - Ingestion:** Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion dilute with fluids (milk or water). Do not induce vomiting.

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

Flash Point: N/A

**Flammable limits:** N/A

**LEL:** N/A

**UEL:** N/A

**Auto ignition Temperature:** N/A

**Combustibility:** N/A

**Extinguishing Media:** Carbon dioxide, dry chemical, foam, or water spray

**Fire Fighting Procedures:** Contact emergency personnel. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved.

**Unusual Fire Fighting Procedures:** None

### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Environmental Precautions:** N/A

**Methods for cleaning up:** Soak up with absorbent materials and wash with water; place in non-leaking containers for appropriate disposal.

### **SECTION 7 – SPECIAL PROTECTIVE INFORMATION**

**Respiratory Protection:** Not applicable under normal conditions

**Ventilation:**

**Local Exhaust:** Recommended

**Special:** None

**Mechanical:** None

**Other:** None

**Skin Protection:**

Resistant Plastic or rubber gloves. (optional)

**Eye Protection:**

Safety glasses or goggles. (optional)

**ACGIH Threshold Limit Value (TLV):** N/A

### **SECTION 8 – SPECIAL PRECAUTIONS**

**Storage:** Store upright at room temperature. In order to maintain product quality do not store near heat source or in direct sunlight.

**Other Precautions:** Avoid bacterial contamination. Keep containers tightly closed when not in use.

**Waste Disposal Method:** Do not contaminate food or feed by storage or disposal. Do not reuse empty container. Wrap empty container and throw in trash collection. Dispose of according to federal, state, and local regulations regarding health, air, and water pollution.

### **SECTION 9 - PHYSICAL PROPERTIES**

**Appearance:** Viscous Liquid

**Color:** Clear Green

**Odor:** Fruity

**Vapor Pressure (@ 20 C mm Hg):** N/A

**Vapor Density (AIR=1):** N/A

**Viscosity @ 25 C (centipoise):** N/A

**pH:** 7.5 to 8.5



**Solids (%)** 17  
**Density g/cm<sup>3</sup>** 0.900 to 1.100  
**Specific Gravity @25°** 0.900 to 1.100  
**Viscosity (cPs) Spindle # 4 @20rpm** 3,000 to 7,000 cPs  
**Solubility in Water: (wt %):** Soluble  
**Solubility in other solvents:** Soluble  
**Melting Point:** N/A  
**Evaporation Rate (Butyl Acetate=1):** N/A

### **SECTION 10 - REACTIVITY DATA**

**Stability:** Stable  
**Conditions to avoid:** Direct Heat  
**Incompatibility (Materials to avoid):** None  
**Hazardous Polymerization:** Does not occur  
**Hazardous Decomposition Products:** Unknown

### **SECTION 11 - TOXICOLOGY INFORMATION**

*No information*

### **SECTION 12 - ECOLOGICAL INFORMATION**

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

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal should be in accordance with Federal, State/Provincial and Local regulations.

### **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:**

	<u>SARA 302</u>	<u>SARA 313</u>	<u>RCRA Code</u>	<u>CAA 112(r)</u>	<u>TQ</u>
<b>Ingredient</b>	None	None	None	None	

#### **Federal, State & International Regulations (Continue):**

	<u>CERCLA</u>	<u>TSCA</u>
<b>Ingredient 8(d)</b>	None	None

**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 hair dressers previously trained and certified to make this treatment.

**SECTION 16 - OTHER INFORMATION**

Keratin Research Inc. believes that the information contained in this M.S.D.S is correct as of this date. However, because the material may be used under conditions which Keratin Research Inc. has no control of or in ways we cannot anticipate, we give no warranty, expressed or implied, as to accuracy of the information and assume no responsibility for any damage to person, property or business arising from such use. Moreover, it is the responsibility of the purchaser or user of this material to ensure that is properly and safely used.