

Section 1: Identification

Product Name:

KERATIN RESEARCH - HEAT&THERMAL PROTECTION SPRAY

Product Category: Hair Care

Manufacture Identification:

Keratin Research
1669 NW 144 Terrace
Sunrise, FL 33323, USA

Telephone Number: 1-954-4467007
International Number: 1-954-4467007
Emergency Telephone Number: 1-800-535-5053

Section 2: Hazard Identification

Skin Irritant Category 2
Eye Irritation Category 2A



Warning

GHS Precaution Phrases:

H319: Causes serious eye Irritation
H315: Causes skin irritation

GHS Precautionary statements:

P101: If medical advice is needed, have product container or label at hand

P103: Read label before use

P264: Wash thoroughly after handling

P280: Wear protective gloves and eye/face protection

GHS Response Phrases:

P332+313: If skin irritation occurs: Get medical advice/attention

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+313: If eye irritation persists get medical advice/attention.

GHS Storage and Disposal Phrases:

P501: Dispose of contents/container to ... [*... in accordance with local/regional/national/international regulation (to be specified)*]

Section 3: Composition/Information on Ingredients

INCI Name	Synonyms	CAS NUMBER	Conc. (%)
Aqua	Water	7732-18-5	To 100
Silicone Quaternium-22	-	946846-36-2	1-3
Polyglyceryl-3 Caprate	-	133654-02-1	1-3
Dipropylene Glycol	-	110-98-5	1-3
Cocamidopropyl Betaine	-	61789-40-0	1-3
Linoleamidopropyl PG-Dimonium Chloride Phosphate Dimethicone	-	243662-49-9	1-3
Caprylyl Glycol	-	1117-86-8	1-3
Hexylene Glycol	-	107-41-5	1-3
Polysorbate 20	-	9005-64-5	1-3
Acetamide MEA	-	142-26-7	<0.5
Hydrolyzed Keratin	-	69430-36-0	<0.5
Panthenol	-	81-13-0	<0.5
Sorbitol	-	50-70-4	<0.5
Sodium Cocoyl Collagen Amino Acids	-	N/A	<0.5
Cocoyl Sarcosine	-	68411-97-2	<0.5
Triticum Vulgare Germ Oil	-	68917-73-7	<0.5
Triticum Vulgare Germ Protein	-	84012-44-2	<0.5
Glycerin	-	56-81-5	<0.5
Linoleic Acid	-	60-33-3	<0.5
Linolenic Acid	-	463-40-1	<0.5
Tocopherol	-	54-28-4	<0.5
Simmondsia Chinensis Seed Oil	-	90045-98-0	<0.5
Tocopheryl Acetate	-	7695-91-2	<0.5
Hydrolyzed Glycosaminoglycans	-	156715-51-4	<0.5
Polysorbate 80	-	9005-65-6	<0.5
Parfum	-	N/A	<1
Argania Spinosa Kernel Oil	-	223747-87-3	<1
Phenoxyethanol	-	122-99-6	0.3-0.8
Hexyl Cinnamal	-	101-86-0	<0.1
Linalool	-	78-70-6	<0.1
Hydroxycitronellal	-	107-75-5	<0.1
Geraniol	-	106-24-1	<0.1
Benzyl Benzoate	-	120-51-4	<0.1
Cetrimonium Chloride	-	112-02-7	<0.1

Note: Some Specific Chemical Identities and/or exact percentage (Concentrations) have been withheld as a trade secret.

Section 4: First-Aid Measures

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.

Most important symptoms/effects, acute and delayed:

Potential acute health effects:

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms:

Eye contact: No specific data.

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary:

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment.

Protection of first aiders: No action shall be taken involving any personal risk or without suitable training.

Section 5: Fire-Fighting Measures

Extinguishing Media:

Suitable extinguishing media: Non-flammable.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical:

Hazardous thermal decomposition products: N/A

Special protective actions for firefighters: N/A

Special protective equipment for fire-fighters: N/A

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: Handling and Storage

Precautions for safe handling:

Ventilation: No ventilation requirements

Advice on general occupational hygiene: Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands before breaks and at the end of workday. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage: Store upright at room temperature. 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.

Section 8: Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits

Chemical Name	OSHA PEL	ACGIH TLV (TWA)
-	-	-

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.

Respiratory Protection: Not applicable under normal conditions

Skin Protection: Resistant Plastic or rubber gloves (optional)

Eye Protection: Safety glasses or goggles. (optional)

Section 9: Physical and Chemical Properties

Appearance: Liquid.

Upper/lower flammability: N/A

Odor: Characteristic.

Color: Clear Colorless.

Ph: 4.5 – 5.2

Density (g/cm³): 0.900 – 1.100.

Specific Gravity (g/cm³): 0.900 – 1.100

Viscosity (cPs): N/A

Vapor pressure: N/A

Odor threshold: N/A

Vapor density: N/A

Melting point/freezing point: N/A

Evaporation rate: N/A

Flammability: N/A

Partition coefficient (n-octanol/water): N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Note: Some of data above is not shown either because it is not relevant and/or readily available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available.

Chemical Stability: Stable.

Possibility of hazardous reactions: Under normal conditions hazardous reactions will not occur.

Conditions to avoid: None.

Incompatibility (Materials to avoid): None.

Hazardous Polymerization: Does not occur.

Hazardous Decomposition Products: Unknown.

Section 11: Toxicological Information

NO INFORMATION

Section 12: Ecological Information

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

Section 13: Disposal Considerations

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: Transport 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

No Information

Section 16: Other Information

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