



SECTION 1: IDENTIFICATION

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| GHS Product identifier | Flex Hold Hairspray |
| Other means of identification | None |
| Recommended use of the product and restrictions on use | Leave – in Hair Care |
| Supplier's details | Developed for and Distributed by: KERATIN COMPLEX Boca Raton, Florida (U.S.A.), Tel: (561) 206-6050 www.keratincomplex.com |
| Emergency phone number: | (888) 409-4445 Available Monday through Friday from 9AM to 5PM (UTC – 05:00 / Eastern Time / US) |

SECTION 2: HAZARD(S) IDENTIFICATION

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| Classification | EXTREMELY FLAMMABLE AEROSOL – Category 1 SERIOUS EYE DAMAGE / EYE IRRITATION – Category 2A This material is considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200). | |
| GHS label elements, including precautionary statements | Hazard pictograms |   |
| | Signal Word | Danger |
| | Hazard statements | Extremely flammable aerosol Pressurized container: May burst if heated. Causes serious eye irritation. |
| Other hazards which do result in classification | Not available | |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Components Chemical Identity (IUPAC) | Identification Number (CAS Number) | Other Unique Identifier (EC Number) | Concentration Range (%^w/_w) |
|--|---|--|---|
| Alcohol Denatured | 64-17-5 | 200-578-6 | 40 – 45% |

SECTION 4 – FIRST-AID MEASURES

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| Description of necessary first-aid measures | Inhalation: | Move affected person to fresh air. |
| | Skin: | Remove contaminated clothing and shoes. Wash with plenty of soap and water. |
| | Eyes: | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists. |
| | Ingestion: | Do not ingest. Do not induce vomiting. Treat symptomatically. Never give anything by mouth to an unconscious person. Seek prompt medical attention. |
| | General Advice: If you have significant concerns please consult a physician, show this data sheet to the doctor in attendance. | |
| Most important symptoms/effects, acute and delayed | Not available | |
| Indication of immediate medical attention and special treatment needed if necessary | Not available | |

SECTION 5 – FIRE-FIGHTING MEASURES

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| Suitable extinguishing media | Use alcohol-resistant foam, dry chemical or carbon dioxide. Do not use water spray. |
| Specific hazards arising from combustion products | May produce toxic fumes of carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds and carbonyl halides from thermal decomposition. |
| Special actions for fire-fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SBCA) with a full face-piece operated in positive pressure mode. Use water spray to keep fire-exposed containers cool. |

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | For non-emergency personnel No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. |
| | For emergency responders Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SBCA) with a full face-piece operated in positive pressure mode. |
| Environmental precautions | Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| Methods and materials for containment and clean up | For small spills: Use inert material to absorb liquid. Place waste in a chemical waste container. |
| | For large spills: Provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents, or detergents. Observe all personal protection equipment recommendations described in Sections 5 and 8 of this SDS. Observe all Federal, Provincial and local regulations that may apply to the cleanup of this material. Sections 13 and 15 of this SDS provide information regarding any (if applicable) requirements. |

SECTION 7 - HANDLING AND STORAGE

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| Precautions for safe handling | Protective Measures Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C / 122°F. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes and clothing. Avoid breathing gas, vapor or mist. Use only with adequate ventilation (normal salon ventilation). Store and use away from heat, sparks, open flames or any other ignition source. |
| | Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in work areas. Remove contaminated clothing and protective equipment before entering eating areas. |
| Conditions for safe storage, including any incompatibilities | Store upright away from direct sunlight in a dry, cool and well-ventilated area. Avoid flammability hazards such as potential ignition sources. Store upright and at room temperature in well-ventilated place. Do not expose to temperatures exceeding 50°C / 122°F. |

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

| Control parameters | UNITED STATES OF AMERICA | |
|--|--|--|
| | Hazardous Ingredient Chemical identity | Exposure Limits |
| <i>Alcohol Denatured</i> | ACGIH TLV | STEL: 1000 ppm 15 minutes |
| | NIOSH REL | TWA: 1000 ppm 10 hours TWA: 1900 mg/m ³ 10 hours |
| | OSHA PEL | TWA: 1000 ppm 8 hours TWA: 1900 mg/m ³ 10 hours |
| Appropriate engineering controls | Use local exhaust with only adequate ventilation | |
| Individual protection measures, such as personal protective equipment | Good Occupational Hygiene Practices When using do not eat, drink or smoke. | |
| | Eye/face protection Optional: safety glasses | |
| | Skin protection Optional: rubber gloves | |
| | Respiratory protection Standard ventilation | |

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

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|---|---------------------------|
| Physical State | Viscous liquid |
| Color | Colorless to light yellow |
| Odor | Match Standard |
| Melting point/freezing point | Not available |
| Boiling Point | Not available |
| Flammability | Not available |
| Melting Point / Freezing Point | Not available |
| Lower and upper explosion limit/flammability limit | Not available |
| Flash Point | Closed cup: 13°C (55.4°F) |
| Auto-Ignition Temperature | Not available |
| Decomposition temperature | Not available |
| pH @ 25°C | 7.7 – 8.7 |
| Viscosity @ 25°C | Not available |
| Solubility | Not available |
| Partition Coefficient | Not available |
| Vapor Pressure | Not available |
| Relative Density | Not available |
| Relative Vapor Density | Not available |
| Particle characteristics | Not available |

SECTION 10 - STABILITY AND REACTIVITY

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|---|---|
| Reactivity | Not available |
| Chemical stability | Product is stable under normal ambient storage conditions of temperature and pressure. Unstable with heat. |
| Possibility of hazardous reactions | Not relevant – product is stable under normal ambient storage conditions of temperature and pressure. |
| Conditions to avoid | Avoid all possible sources of ignition (spark or flames), high heat, incompatible substances and direct sunlight. |
| Incompatible materials | Not available |
| Hazardous decomposition products | Not available |

SECTION 11 - TOXICOLOGICAL INFORMATION

| | | |
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| Information on the likely routes of exposure | Not available – Finished product when administered by trained professional and as instructed pose no toxic hazard. | |
| Symptoms related to the physical, chemical and toxicological characteristics | Not available | |
| Delayed and immediate effects and chronic effects from short- and long-term exposure | Not available | |
| Numerical measures of toxicity | Not available | |

| Eye Irritation | | | |
|---|--------------------------|----------------|-------------------------|
| Hazardous Ingredient Chemical identity | Result | Species | Exposure |
| Ethyl alcohol | Eyes – Mild irritant | Rabbit | 24 Hours 500 mg |
| | Eyes – Moderate irritant | Rabbit | 0.067 minutes 100 mg |

SECTION 12 - ECOLOGICAL INFORMATION

| Toxicity | | | |
|---|--------------------------------------|--|-----------------|
| Hazardous Ingredient Chemical identity | Result | Species | Exposure |
| Ethyl alcohol | Acute EC50 17.921 mg/L Marine water | Algae - Ulva pertusa | 96 Hours |
| | Acute EC50 2000 µg/L Fresh water | Daphnia - Daphnia magna | 48 Hours |
| | Acute LC50 25500 µg/L Marine water | Crustaceans – Artemia franciscana - Larvae | 48 Hours |
| | Acute LC50 42000 µg/L Fresh water | Fish - Oncorhynchus mykiss | 4 Days |
| | Chronic NOEC 4.995 mg/L Marine water | Algae - Ulva pertusa | 96 Hours |
| | Chronic NOEC 0.375 ul/L Fresh water | Fish - Gambusia holbrooki - | 12 Weeks |

| Hazardous Ingredient Chemical identity | LogP_{ow} | Potential |
|---|--------------------------|------------------|
| Ethyl alcohol | - 0.35 | Low |

| | |
|--------------------------------------|---------------|
| Persistence and degradability | Not available |
| Bio accumulative potential | Not available |
| Mobility in soil | Not available |
| Other adverse effects | Not available |

SECTION 13 - DISPOSAL CONSIDERATIONS

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|-------------------------|---|
| Disposal Methods | 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. Do not discharge into waterways or sewer system without proper authority. |
|-------------------------|---|

SECTION 14 - TRANSPORT INFORMATION

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|---|---------------|
| Un number | UN 1950 |
| Un proper shipping name | Aerosols |
| Transport Hazard Class(es) | 2.1 |
| Packing group | Not available |
| Environmental hazards | Not available |
| Transport in bulk | Not available |
| Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises | Not available |

NFPA Ratings: Health: 2 Flammability: 4 Reactivity: 0 Other information: N/A



Finished packaged product transported by ground (**DOT**):

Limited quantity; Packaging Instruction:
 Passenger aircraft; Quantity Limitation: 75 kg
 Cargo aircraft; Quantity limitation: 150 kg



Special provisions: _____

Finished packaged product transported by vessel (**IMDG**):

Emergency schedules (EmS): F-D, S-U
 Special provisions: 63, 190, 277, 327, 959



Finished packaged product transported by air (**IATA**):

Passenger and Cargo Aircraft:
 Quantity limitation: 75 kg
 Packaging instructions: 203
 Cargo Aircraft Only:
 Quantity limitation: 150 kg
 Packaging instructions: 203
 Limited Quantities:
 Passenger Aircraft: Quantity limitation: 30 kg
 Packaging instructions: Y203
 Special provisions: A145



Do not Freeze

SECTION 15 - REGULATORY INFORMATION

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|---|---|
| <p>Safety, Health and Environmental Regulations specific for the product in question</p> | <p style="text-align: center;">Regulated as a Cosmetic under FDA (US)</p> <p style="text-align: center;">UNITED STATES OF AMERICA:</p> <p style="text-align: center;"><i>Federal</i></p> <p>All of the ingredients in the formulation are compliant with the Federal Food, Drug, and Cosmetics Act (FDA) and this product is safe to be used by professional hairdressers previously trained and certified to use this product.</p> <p style="text-align: center;"><i>California</i></p> <p>This product is not subject to warning labeling under California Proposition 65</p> |
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SECTION 16 - OTHER INFORMATION

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|---|---|
| Date of preparation of the SDS | |
| August 16, 2019 | |
| Key/legend to abbreviations and acronyms used in the SDS. | |
| ACGIH | American Conference of Governmental Industrial Hygienist |
| °C | Degrees Celsius |
| CAS | Chemical Abstract Service |
| CFR | Code of Federal Regulations |
| Cps | Centipoises |
| e.g. | Meaning "for example." It is short for the Latin <i>exempli gratia</i> , "for the sake of example." |
| FDA | Food and Drug Administration |
| GHS | Globally Harmonized System |
| HPB | Health Protection Branch |
| HSIS | Hazardous Substances Information System |
| IATA | International Air Traffic Association |
| IUPAC | International Union of Pure and Applied Chemistry |
| IMDG | International Maritime Dangerous Goods |
| mg/m ³ | Milligrams per cubic meter |
| OSHA | Occupation Safety & Health Administration |
| PEL | Permissible Exposure Limit |
| PIF | Product Information File |
| Ppm | Parts Per Million |
| Ref | Reference |
| Vol. | Volume |
| TWA | Time Weighted Average |
| UN | United Nations |
| Literature references. | |
| <ul style="list-style-type: none"> Globally Harmonized System of Classification and Labeling of Chemicals (GHS), Seventh revised edition, United Nations, New York and Geneva, 2017 ST/SG/AC.10/30/Rev.7 | |
| Sources for data | |
| <ul style="list-style-type: none"> European Commission Database For Information On Cosmetics Substances And Ingredients (CosIng) United States Of America's National Library Of Medicine's Toxicology Data Network (TOXNET) International Air Transport Association, Dangerous Goods Regulations (IATA) The National Institute for Occupational Safety and Health (NIOSH) – website address: https://cdc.gov/niosh Haz-Map® Occupational Health Database, U.S. National Library of Medicine. Information on Hazardous Chemicals and Occupational Diseases by Jay A. Brown, M.D., M.P.H. - website address: https://hazmap.nlm.nih.gov | |

GHS Pictograms



GHS01
Explosive



GHS02
Flammable



GHS03
Oxidizer



GHS04
Pressurized



GHS05
Corrosive



GHS06
Toxic



GHS07
Harmful Irritating



GHS08
Health Hazard



GHS09
Environment

Precautionary pictograms From European Union
(COUNCIL DIRECTIVE 92/58/EEC of 24 June 1992)



Eye protection



Respiratory equipment



Face protection



Safety overalls



Safety boots

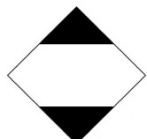


Safety gloves

ADR, Annex A General provisions and provisions concerning dangerous substances and articles; Classification; Class Specific Provisions



Class 5.1 HAZARD
Oxidizing Substances



Limited Quantities
Except For Air Transport



Limit Quantities by Air

Declaration

Keratin Complex believes that the information contained in this SDS is correct as of its last revision date (same as listed above). However, because conditions and usage methods of our products are beyond Keratin Complex 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 product to ensure that is properly and safely used. This SDS does not replace any other document, such as instructional leaflets or inserts. Under no circumstances does it constitute an exemption from the obligation to know and apply all the regulations governing its activity. This SDS replaces all previous versions of this product's SDS.

End SDS.