Material Safety Data Sheet
HUMAN HAIR KERATIN, Meta-Keratin III

Section 1 - Chemical Product and Company Identification

MSDS Name: Meta-Keratin III
Catalog Number: AX0003
Company Name: KeraFAST
Address: 391 Technology Way, Suite 168
City: Winston-Salem
State: NC
ZIP: 27101
Country: US
Info Phone Num: 800.546.1760
Emergency Phone Num: 978.235-8497

Section 2 - Composition, Information on Ingredients

CAS# | Chemical Name
---|---
None available

Section 3 - Hazards Identification

EMERGENCY OVERVIEW
Low hazard for usual industrial or commercial handling. Handle in accordance with good industrial hygiene and safety practice.

Appearance: Light brown powder.
Target Organs: None.

POTENTIAL HEALTH EFFECTS

Eyes: Potentially irritating if exposed
Skin: Non-irritating during normal use.
Inhalation: Low hazard for usual industrial or commercial handling.
Ingestion: Low hazard for usual industrial or commercial handling.
Chronic Effects: None known.

Section 4 - First Aid Measures

Eye Contact: Rinse opened eye for 15 minutes under running water, then consult a doctor.
Skin Contact: Wash with water and soap and rinse thoroughly.
Inhalation: Seek medical treatment in case of complaints.
Ingestion: Seek medical treatment in case of complaints.
Notes to Physician: Treat symptomatically.

Section 5 - Fire Fighting Measures

General Information: Material will char but not burn.
Extinguishing Media: CO2, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.
Flash Point: Not applicable.
Autoignition Temperature: Not applicable.
Explosion Limits, Lower: Not available.
Upper: Not available.
NFPA Rating: (estimated) Health: 0; Flammability: 0; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

Section 7 - Handling and Storage

Handling: No special handling procedures are required.
Storage: No special storage requirements for unopened material. Upon opening, store at -20° C

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: There are no special ventilation requirements
OSHA Vacated PELs: No OSHA Vacated PELs are listed for this chemical.
Personal Protective Equipment: The usual precautionary measures for handling chemicals should be followed
Eyes: Safety glasses should be worn.
Skin: Chemical resistant gloves (i.e. nitrile, or equivalent)
Clothing: Protective work clothing (lab coat)  
Respirators: Respirator protection is not normally required.  

Section 9 - Physical and Chemical Properties

Physical State: Powder  
Appearance: light brown  
Odor: Characteristic  
pH: 7.4  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable.  
Evaporation Rate: Not applicable.  
Viscosity: Not applicable  
Boiling Point: Not determined  
Freezing/Melting Point: Not determined.  
Decomposition Temperature: 80 °C (estimated)  
Solubility: Soluble.

Section 10 - Stability and Reactivity

Chemical Stability: Stable if used according to specifications  
Conditions to Avoid: Heat greater than 50 °C  
Incompatibilities with Other Materials: None.  
Hazardous Decomposition Products: No dangerous decomposition products known.  
Hazardous Polymerization: No dangerous polymerizations known.

Section 11 - Toxicological Information

Epidemiology: No information found  
Teratogenicity: No information found  
Reproductive Effects: No information found  
Mutagenicity: No information found  
Neurotoxicity: No information found  
Other Studies: 

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations
Smaller quantities can be disposed of with solid waste. This product is not considered a RCRA hazardous waste. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed.
**RCRA U-Series:** None listed.

### Section 14 - Transport Information

<table>
<thead>
<tr>
<th>US DOT</th>
<th>Canada TDG</th>
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<tr>
<td>Not regulated as a hazardous material</td>
<td>Not regulated</td>
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### Section 15 - Regulatory Information

**US FEDERAL**

- **TSCA**
  - Not listed on the TSCA inventory.

- **Health & Safety Reporting List**
  - Not on the Health & Safety Reporting List.

- **Chemical Test Rules**
  - Not under a Chemical Test Rule.

- **Section 12b**
  - Not listed under TSCA Section 12b.

- **TSCA Significant New Use Rule**
  - No SNUR under TSCA.

- **CERCLA Hazardous Substances and corresponding RQs**
  - No RQ.

- **SARA Section 302 Extremely Hazardous Substances**
  - No TPG.

- **Section 313**
  - Not reportable under Section 313.

- **Clean Air Act:**
  - This material does not contain any hazardous air pollutants.
  - This material does not contain any Class 1 Ozone depletors.
  - This material does not contain any Class 2 Ozone depletors.
Clean Water Act:
Not listed as Hazardous Substances under the CWA.
Not listed as Priority Pollutants under the CWA.
Not listed as Toxic Pollutants under the CWA.

OSHA:
Not considered highly hazardous by OSHA.

STATE
Not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65
California No Significant Risk Level: Not listed.

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols:
Not available.
Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)
Not known to be hazardous for water

Canada - DSL/NDSL
Not listed on Canada's DSL List.

Canada - WHMIS
Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

Section 16 - Additional Information

DISCLAIMER:
For research use only. Not for drug, household or other uses.

To the best of our knowledge, the information contained herein is accurate. However, KeraFAST does not assume any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Department issuing MSDS: Environmental Health and Safety
Contact: KeraFAST Safety Officer