

Approval Date: 1 September, 2010

DRAFT 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.

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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.

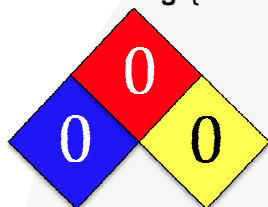
Flash Point: Not applicable.

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)

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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

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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

US DOT

Canada TDG

Shipping Name: Not regulated as a hazardous material
Hazard Class:
UN Number:
Packing Group:

Not regulated

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 TPQ.

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.

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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