



TKB TRADING, LLC
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MATERIAL SAFETY DATA SHEET

SECTION 1 - NAME & HAZARD SUMMARY

Product name: Hydrolyzed Silk Powder

INCI Name: **Silk Amino Acids**

Hazard summary:

Physical hazards: None

Health hazards: None

Read the entire MSDS for a more thorough evaluation of the hazards.

SECTION 2 - INGREDIENTS

CAS No.:

Hydrolyzed Silk 96690-41-4

Ingredients not precisely identified are proprietary and non-hazardous. Values are not product specifications.

SECTION 3 - PHYSICAL DATA

Drying shrinkage, (W/W) $\leq 2.5\%$

Nitrogen content, (W/W) $\geq 14.5\%$

Amino-nitrogen, (W/W) $\geq 14.0\%$

PH value, 4.0-7.0

Ash, %(W/W), ≤ 0.5

Solubility: Miscible with water in all proportions

Appearance: Clear white or yellowish powder

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Extinguishing media: None required. Dry chemical, foam, water spray, CO2 should be used to keep fire exposed containers cool, to disperse vapors, and flush spills away from the fire.

Special fire fighting protective equipment: Firefighters should wear an NIOSH approved self-contained breathing apparatus.

Unusual fire and explosion hazards: None

SECTION 5 - REACTIVITY DATA

Stability: Stable

Incompatibility (materials to avoid): Keep away from heat and flames. Avoid contact with strong oxidizing materials. Avoid exposure to direct sunlight for prolonged periods.

Hazardous polymerization: None



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SECTION 6 - HEALTH HAZARD ASSESSMENT

General: Not a health hazard.
Ingestion: Non-toxic
Skin contact: Not a skin irritant
Inhalation: Not an expected route of exposure.

SECTION 7 - HEALTH HAZARD ASSESSMENT

First aid procedures:

Skin: Wash with plenty of water.
Eyes: Flush eyes with plenty of water for at least 15 minutes.
Ingestion: Drink 2 to 3 glasses of water.
Inhalation: No adverse effect expect
Overexposure: No adverse effect expec.

SECTION 8 - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Pick up excess with absorbent material.
Wash down spill area with copious amounts of hot water.
Disposal method: Dispose of in accordance with Federal, State and Local Regulations.
Container disposal: Puncture or otherwise destroy empty container before disposal. Dispose of in accordance with Federal, State and Local Regulations

SECTION 9 - SPECIAL PROTECTION INFORMATION

Ventilation: Normal industrial ventilation.
Respiratory protection (specify type): Not an expected avenue of contamination.
Protective clothing: Impervious gloves .
Eye protection: Protection glasses.
Other protective equipment: Eyewash station and safety shower in the work area.

SECTION 10 - SPECIAL PRECAUTIONS OR OTHER COMMENTS

Precautions to be taken in handling and storing: Keep in cool, dry place in closed containers. Keep from freezing. Normal chemical handling procedures.

SECTION 11 – ADDITIONAL INFORMATION

Notes: This data is based on information believed to be reliable. However ,no warrantly, express or implied, is made regarding the accuracy or the results obtained from the use of such information.