

AERCHEM INC.
400 W. 7th Street, Suite 112
Bloomington, IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 10/6/93
Product Name: HYDROLYZED KERATIN (aqueous)
Common Name:

Chemical Formula: variable - biological origin
CAS No.: 69430-36-0, 7732-18-5

SECTION 2: HAZARDOUS INGREDIENTS:

Contains no hazardous ingredients.

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	pale amber liquid with wild proteinaceous odor
Boiling point:(760 mmHg)	212°F
Vapor Pressure (mmHg):	na
Specific Gravity (Water = 1):	app. 1
Solubility in water:(by weight)	soluble in water
Melting Point:	< 25°C
Volatiles by Volume:	app. 75% (water)
Vapor Density:	n/a
pH	5.0-7.0 (10%)

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	dry chemical, CO2, foam, water spray
Fire Fighting Procedures:	Wear self container breathing apparatus and other protective equipment.
Unusual Fire and Explosion Hazards:	none

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable Unstable

Conditions to Avoid:	none
Incompatibilities:	strong oxidizing agents
Hazardous Decomposition or byproducts:	oxides of carbon and nitrogen
Hazardous Polymerization:	may not occur

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV): n/a
Permissible Exposure Limit:
Toxicity:
Oral LD50 (rat): acute, > 5 g/kg
NTP:
IARC Monographs:

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SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

First Aid:

Eyes: Flush with water for at least 15 minutes
Skin: Flush with copious amounts of water
Inhalation:
Ingestion: Get medical attention

Spillage: Pick up excess with inert absorbent material and place into a separate waste container.
Wash area with soapy water.

Disposal: Dispose of in accordance with federal, state, and local regulations. Material is not listed as a hazardous waste.

SECTION 8: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Store in cool, dry place. Prevent from freezing.

SECTION 9: SPECIAL PROTECTION INFORMATION

Ventilation: normal ventilation adequate
Eye Protection: not required
Protective Gloves: not required
Respiratory Protection: not required
Other Protective Gear:

SECTION 10: TRANSPORT INFORMATION

DOT classification: Not a DOT regulated material
DOT pictograms: