

Doc No: 931-HK099 Rev: A Date of Release: 07-Oct-2016

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

- a) GHS Product Identifier : Aqueous Mounting Media
- b) Other means of identification : Not available
- c) Product code : HK099-5K
- d) Recommended use of the chemical and restrictions on use : Restricted for professional users.
- e) Supplier's details (including name, address, phone number etc.) : BioGenex Laboratories, Inc
49026 Millmont Drive
Fremont, CA 94538
- f) Emergency phone number : BioGenex: (01) (510) 275-0550
Chemtrec Assistance: (800) 424-9300 (U.S. and Canada only)
(01) (703) 527-3887 (all other countries)

2. HAZARD IDENTIFICATION

- a) GHS classification of the substance/mixture and any national or regional information: Mixture

Classification according to Directive 1999/45/EC [DPD]

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments

Part No. Chemical Name

Synonyms	CAS No.	Percent	Einecs#	Part No.	Chemical Name
HK100-5K, HK100-7K, HK100-9K	Acetic acid, Glacial		Acedic acid, vinegar acid	64-19-7	<10 200-580-7

- b) GHS label elements, including precautionary statements :

Signal word : No signal word.**Hazard statement(s)**

No known significant effects or critical hazards.

Precautionary statement(s)

Not Applicable

- c) Other hazards which do not result in the classification or are not covered by the GHS: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

- a) Chemical identity : Mixture
- b) Common name, synonyms, etc : NDA
- c) CAS number and other unique identifiers

Chemical Name	Synonyms	CAS No	Percent	Einecs#
Glycerine	Glycerol, Glycic alcohol	56-81-5	<50	Unlisted
Gelatin	Gelatine	9000-70-8	<10	232-554-6

4. FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do NOT allow victim to rub or keep eyes closed.

SKIN: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

INGESTION: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person.

INHALATION: Move the victim to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: Treat symptomatically and supportively. No specific antidote exists.

5. FIRE-FIGHTING MEASURES

- a) Suitable (and unsuitable) extinguishing media :
For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For larger fires, use water spray, fog or alcohol foam. Use agents suitable for type of surrounding fire.
- b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products):
NDA
- c) Special protective equipment and precautions for fire-fighters:
Firefighters should wear proper protective equipment and self-contained breathing apparatus (SCBA) with full facepiece operated in positive pressure mode. Move container from fire area if possible. Do not scatter spilled material with more water than needed for fire control. Dike fire control water for later disposal. Avoid breathing hazardous vapors; keep upwind.
Toxic fumes produced under fire conditions

6. ACCIDENTAL RELEASE MEASURES

- a) Personal precautions, protective equipment and emergency procedures:

Personal protective equipment and clothing is recommended during all cleanup procedures. Eliminate all ignition sources, stop or control leak. Refer to Section 8 for additional information on exposure controls and personal protective equipment.
- b) Environmental precautions:
Do not allow into any body of water. Check with local and State regulations before discharging into sewers or public landfills.
- c) Methods and materials for containment and cleaning up.
Avoid physical contact during removal. An approved respirator is recommended when irritant or nuisance vapors are produced. Flood area with water immediately. Control spill with wetted paper towels and isolate material. Place in a closed container and hold for waste disposal. Make sure towels or absorbent materials remain wet while waiting for chemical waste pick-up. Ventilate area and wash spill site after material pickup is complete. Refer to Section 13 for complete disposal information.

7. HANDLING AND STORAGE

- a) Precautions for safe handling:
Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Eliminate all sources of ignition. Avoid eating, drinking and smoking when using the product.
- b) Conditions for safe storage, including any incompatibilities:
Observe all federal, state and local regulations when storing or disposing of this substance. Store in a tightly closed container in a cool area away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

CAS No.	OSHA PEL	ACGIH TLV	NIOSH
56-81-5	10 mg/m ³	10 mg/m ³	NDA
9000-70-8	NDA	NDA	NDA

Engineering Controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protective Equipment

Eyes: Wear safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: None required where adequate ventilation conditions exist.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	: Clear and viscous liquid	pH	: NDA
BOILING POINT	: NDA	VAPOR PRESSURE (MM HG):	NDA
VAPOR DENSITY (AIR=1)	: NDA	MELTING POINT	: NDA
SPECIFIC GRAVITY	: NDA	SOLUBILITY (H2O)	: NDA

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures..

CONDITIONS TO AVOID: Ignition sources, excess heat, strong oxidizing agents (e.g., hydrogen peroxide), potassium permanganate or calcium hypochlorite; nitric acid and sulfuric acid; perchloric acid and lead oxide

HAZARDOUS POLYMERISATION : None reported

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

a) Information on the likely routes of exposure: None Identified

b) Symptoms related to the physical, chemical and toxicological characteristics:

INHALATION: May cause respiratory tract irritation

INGESTION: May cause irritation of the digestive tract. Low hazard for usual industrial handling.

SKIN CONTACT: May cause skin irritation.

EYE CONTACT: May cause eye irritation.

TARGET ORGANS: None identified

c) Delayed and immediate effects and also chronic effects from short and long term exposure

NDA

d) Numerical measures of toxicity (such as acute toxicity estimates)

Toxicity Data			CARCINOGENICITY					
CAS#	RTECS	LD50	ACGIH	IARC	NIOSH	NTP	OSHA	Other
56-81-5	MA8050000	ORL-MUS: 4.09 gm/kg ORL-RBT: 27 gm/kg ORL-RAT: 12.6 gm/kg IPR-MUS: 63 mg/kg IVN-RAT: 5.56 gm/kg SCB-RAT: 100 mg/kg	No	No	No	No	No	None
9000-70-8	JR5960000	NDA	No	No	No	No	No	None

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. Consult the actual entry in RTECS for complete information.

12. ECOLOGICAL INFORMATION

- a) Ecotoxicity (aquatic and terrestrial, where available): NDA
- b) Persistence and degradability : NDA
- c) Bioaccumulative potential : NDA
- d) Mobility in the soil : NDA
- e) Other adverse effects : NDA

13. DISPOSAL INFORMATION

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Dispose in accordance with all applicable federal, state, and local environmental regulations.

14. TRANSPORT INFORMATION

US DOT: Not regulated

IMO: Not regulated

IATA: Not regulated

RID/ADR: Not regulated

15. REGULATORY INFORMATION

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV : None of the components are listed

Substances of very high concern : None of the components are listed.

Other EU regulations

Europe inventory : All components are listed or exempted.

Seveso II Directive : This product is not controlled under the Seveso II Directive.

INTERNATIONAL LISTS**National inventory**

Australia : All components are listed or exempted.

Canada : All components are listed or exempted.

China : All components are listed or exempted.

Japan : Not determined.

Republic of Korea : All components are listed or exempted.

Malaysia : Not determined.

New Zealand : All components are listed or exempted.

Philippines : All components are listed or exempted.

Taiwan : All components are listed or exempted.

United States : All components are listed or exempted

NFPA Rating

Health hazard: 1, Fire Hazard: 1, Reactivity Hazard: 0

16. Other information including information on preparation and revision of the SDS**Key abbreviations:**

N/A	: Not Applicable
NDA	: No data available

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