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 support@biogenex.com

## Material Safety Data Sheet

Doc#: HK079 Rev. C  
 Release Date: 11-Sep-2020

### 1. CHEMICAL IDENTIFICATION/COMPANY

Product Name: SuperMount® Permanent Aqueous Mounting Medium Catalog No.: HK079-5K, HK079-7K  
 Manufacturer: BioGenex Laboratories, Inc.  
 48810 Kato Road, Suite 100E & 200E, Fremont, CA 94538, USA  
 Information: Tel: +1 (800) 421-4149 Fax: +1 (510) 824-1490  
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 Chemtrec Assistance: (800) 424-9300 (U.S. only)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Part No.	Description of Component	Formula
HK079-5K, HK079-7K	SuperMount® Permanent Aqueous Mounting Medium (U.S. Patent No. 5,492,837)	Mixture

### 3. HAZARDS IDENTIFICATION

Part No.	Chemical Name	Synonyms	CAS No.	Percent	Einecs#
HK079-5K*, HK079-7K*	1-Ethenyl-2-pyrrolidinone homopolymer	Polyvinyl pyrrolidone, PVP	9003-39-8	<10	Unlisted

\* This product contains sodium azide (CAS# 26628-22-8) at a concentration of less than 0.1%. Sodium azide is not classified as a hazardous chemical at the product concentration according to the relevant regulations. However, toxicity information regarding sodium azide at the product's concentration has not been thoroughly investigated. For more information, a Material Safety Data Sheet for sodium azide in pure form is available upon request.

#### EXPOSURE LIMITS

CAS No.	OSHA PEL	ACGIH TLV	NIOSH	OTHER
9003-39-8	NDA	NDA	NDA	None

### 4. FIRST AID MEASURES

Get medical aid immediately.

EYES: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids.

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

FLASH POINT: NDA

FLAMMABLE LIMITS: NDA

FIRE AND EXPLOSION HAZARD: NDA

FIREFIGHTING 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.

FIREFIGHTING MEASURES: 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.



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### 6. ACCIDENTAL RELEASE MEASURES

Wear self-contained breathing apparatus (SCBA) and full protective clothing. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite and place in closed containers for disposal. Flush spill area with water.

### 7. HANDLING AND STORAGE

**HANDLING:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation.

**STORAGE:** Observe all federal, state and local regulations when storing or disposing of this substance.

Store at room temperature in a tightly closed container in a well-ventilated area away from incompatible substances.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**VENTILATION:** Provide local exhaust or process enclosure ventilation system to meet all federal, state, and local requirements.

**RESPIRATOR:** None required where adequate ventilation conditions exist.

**EYE/SKIN PROTECTION:** Wear safety goggles and appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged eye/skin contact with this substance.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** NDA

**VAPOR DENSITY(AIR=1):** NDA

**SPECIFIC GRAVITY:** NDA

**APPEARANCE & ODOR:** Clear liquid

**VAPOR PRESSURE(MM HG):** NDA

**MELTING POINT:** NDA

**SOLUBILITY(H<sub>2</sub>O):** NDA

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal temperatures and pressures.

**CONDITIONS TO AVOID:** High temperatures, strong oxidizing agents.

**DECOMPOSITION:** Carbon monoxide, carbon dioxide, nitrogen oxides.

**HAZARDOUS POLYMERIZATION:** None reported.

### 11. TOXICOLOGICAL INFORMATION

**EYE CONTACT:** May cause transient eye irritation.

**SKIN CONTACT:** May cause skin irritation.

**INGESTION:** Low hazard for usual industrial handling.

**INHALATION:** May cause respiratory tract irritation.

**CHRONIC:** Possible carcinogen

**TARGET ORGANS:** None identified

**ROUTES OF ENTRY:** None indicated

The toxicological properties have not been thoroughly investigated.

#### Toxicity data

CAS#	RTECS	LD50		CARCINOGENICITY					
				ACGIH	IARC	NIOSH	NTP	OSHA	Other
9003-39-8	TR8160000	ORL-GPG: 100 gm/kg	FAONAU 53A,486,74	A2 <sup>1</sup>	G3 <sup>2</sup>	Occu <sup>3,a</sup>	Susp <sup>4</sup>	P-S <sup>5</sup>	See Notes 6,b
	TR8170000	IPR-MUS: 12 gm/kg	FAONAU 53A,486,74						
	TR8180000	ORL-MUS: 1.45 gm/kg							
	TR8250000	UNR-MUS: 16 gm/kg	KHFZAN 19,212,85						
	TR8300000	ORL-RAT: 100 gm/kg	FAONAU 53A,486,74						
	TR8350000	ORL-RBT: 1.04 gm/kg	VETNAL 61(12),68,85						
	TR8360000								
	TR8370000								

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



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### Note:

1. ACGIH: A2-suspected human carcinogen
  2. IARC: Group 3 carcinogen
  3. NIOSH: Occupational carcinogen
  4. NTP: Suspect carcinogen
  5. OSHA: Possible Select carcinogen
  6. This product is or contains chemical(s) known to the state of California to cause cancer (California Proposition 65 carcinogen).
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- a. This product is listed as ANILINE.
  - b. This product is listed as COBALT.

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### 12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.  
Environmental Fate: No information available.  
Physical/Chemical: No information available.

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### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable federal, state, and local environmental regulations.  
Not listed as a material banned from land disposal according to RCRA.

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### 14. TRANSPORT INFORMATION

US DOT: No information available  
IMO: No information available.  
IATA: No information available.  
RID/ADR: No information available.  
Canadian TDG: No information available.

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### 15. REGULATORY INFORMATION

No information available.

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### 16. MISCELLANEOUS INFORMATION

No additional information available.

N/A: Not Applicable    NDA: No Data Available

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