

Doc No: 931-AB000 Rev: D Date of Release: 14-Apr-2016

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

- a) GHS Product Identifier : Monoclonal and Polyclonal Antibodies
- b) Other means of identification : Not available
- c) Product code : AB000
- 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:  
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.
- b) GHS label elements, including precautionary statements :  
The product does not need to be labeled in accordance with EC directives or respective national laws.
- c) Other hazards which do not result in the classification or are not covered by the GHS: Restricted to professional users.  
None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

- a) Chemical identity : Mixture
- b) Common name, synonyms, etc. : NDA
- c) CAS number and other unique identifiers: No components need to be disclosed according to the applicable regulations.
- d) Impurities and stabilizing additives which are themselves classified and which contribute to the classification of a substance.

Mixture: No information available

NOTE: For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.

## 4. FIRST AID MEASURES

- a) Description of necessary measures:
- Skin : In case of skin contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes.
- Eyes : In case of eye contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
- Ingestion: If swallowed, wash out mouth with water provided person is conscious. Get medical aid immediately.
- Seek medical attention immediately in case of accidents. Please show the datasheet to the medical practitioner in

attendance.

b) Most important symptoms/effects, acute and delayed.

Potential acute health effects

Eye : NDA  
Inhalation : NDA  
Skin contact : NDA  
Ingestion : NDA

Over-exposure symptoms

Eye : NDA  
Inhalation : NDA  
Skin contact : NDA  
Ingestion : NDA

c) Indication of immediate medical attention and special treatment needed, if necessary.

Notes to physician : Treat symptomatically.  
Special treatment : No special treatment.

## 5. FIRE-FIGHTING MEASURES

a) Suitable (and unsuitable) extinguishing media :

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products):

The product itself does not burn.

c) Special protective equipment and precautions for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

a) Personal precautions, protective equipment and emergency procedures:

Wear self-contained breathing apparatus (SCBA) and full protective clothing. Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site.

b) Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

c) Methods and materials for containment and cleaning up.

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal

## 7. HANDLING AND STORAGE

a) Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

b) Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: -20 °C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- a) Control parameters e.g. occupational exposure limit values or biological limit values.  
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.  
Contains no substances with occupational exposure limit values.
- b) Appropriate engineering controls.  
**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.
- c) Individual protection measures, such as personal protective equipment.  
**ENGINEERING MEASURES:** Provide adequate general and local exhaust ventilation.  
**RESPIRATORY EQUIPMENT:** If ventilation is insufficient, suitable respiratory protection must be provided.  
**HAND PROTECTION:** Use protective gloves.  
**EYE PROTECTION:** Wear approved safety goggles.  
**HYGIENE MEASURES:** Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- a) Appearance (physical state, color etc.): Liquid, Colorless
- b) Odour : Odourless
- c) Odor threshold : NDA
- d) pH : NDA
- e) Melting point/freezing point : NDA
- f) Initial boiling point and boiling range : NDA
- g) Flash point : NDA
- h) Evaporation rate : NDA
- i) Flammability (solid, gas) : NDA
- j) Upper/lower flammability or explosive limits: NDA
- k) Vapor pressure : NDA
- l) Vapor density : NDA
- m) Relative density : NDA
- n) Solubility(ies) : NDA
- o) Partition coefficient: n-octanol/water : NDA
- p) Auto-ignition temperature : NDA
- q) Decomposition temperature : NDA
- r) Viscosity : NDA

## 10. STABILITY AND REACTIVITY

- a) Reactivity : No specific reactivity data available
- b) Chemical stability : Stable under recommended storage conditions until expiry date.
- c) Possibility of hazardous reactions : NDA
- d) Conditions to avoid (e.g. static discharge, shock or vibration): NDA
- e) Incompatible materials : Strong oxidizing agents
- f) Hazardous decomposition products. : Under normal storage conditions should not produce hazardous decomposition products. Nature of decomposition products not known. In the event of fire: see section 5

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

NDA

### Inhalation:

NDA

### Dermal:

NDA

### Skin corrosion/irritation

NDA

### Serious eye damage/eye irritation

NDA

### Respiratory or skin sensitisation

NDA

### Germ cell mutagenicity

NDA

### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### Reproductive toxicity

NDA

### Specific target organ toxicity - single exposure

NDA

**Specific target organ toxicity - repeated exposure**

NDA

**Aspiration hazard**

NDA

**Additional Information**

RTECS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**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.

Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose in accordance with all applicable federal, state, and local environmental regulations.

**14. TRANSPORT INFORMATION****14.1 UN number**

ADR/RID: NA      IMDG: NA      IATA: NA

**14.2 UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

**14.3 Transport hazard class(es)**

ADR/RID: NA      IMDG: NA      IATA: NA

**14.4 Packaging group**

ADR/RID: NA      IMDG: NA      IATA: NA

**14.5 Environmental hazards**

ADR/RID: No      IMDG Marine pollutant: No      IATA: No

**14.6 Special precautions for user**

NDA

## 15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question.

### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312

Hazards No SARA Hazards

### Massachusetts Right To Know Components

Sodium azide CAS-No. 26628-22-8 Revision Date 2007-07-01

### Pennsylvania Right To Know Components

Non hazardous component(s) liquid CAS-No. - Revision Date Sodium azide 26628-22-8 2007-07-01

### New Jersey Right To Know Components

Non hazardous component(s) liquid CAS-No. 26628-22-8 Revision Date 2007-07-01

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## 16. Other information including information on preparation and revision of the SDS

### Hazardous Material Information System (U.S.A)

Health, Chronic Health Hazard	: 0
Flammability	: 0
Physical Hazards	: 0

### National Fire Protection Association (U.S.A)

Health	: 0
Flammability	: 0
Instability/Reactivity Special	: 0

### Key abbreviations:

NDA	: No data available
NA	: Not Applicable

### Notice to reader

Each BioGenex SDS was developed to be used only with the corresponding BioGenex product. The information above is believed to be accurate and represents the best information currently available. We make, however, NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY,

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