

Doc No: 931-HK112 Rev: A Date of Release: 16-Nov-2016

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

- a) **GHS Product Identifier** : BLOCKING REAGENT II GOAT SERUM
- b) **Other means of identification** : Not available
- c) **Product code** : HK112-5K, HK112-9K, HK112-9KE
- 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:**

OSHA/HCS : Based on chemical nature and/or concentration of ingredients this product has been classified as non-hazardous. This SDS contains valuable information critical to the safe handling and proper use of the product.

This product has been classified as non-hazardous based on the physical and/or b) GHS label elements, including precautionary statements :

SIGNAL WORD : No Signal Word

Hazard statements : No Known critical hazards

- 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

- a) **Chemical identity** : Mixture
- b) **Common name, synonyms, etc** : Not Applicable
- c) **CAS number and other unique identifiers**

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section

4. FIRST AID MEASURES

Get medical aid immediately.

EYES: Flush eyes with plenty of water.

SKIN: Flush skin with plenty of soap and water.

INGESTION: Do NOT induce vomiting. 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.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Protective Equipment for Firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

6. ACCIDENTAL RELEASE MEASURES

- a) **Personal precautions, protective equipment and emergency procedures:**
Wear appropriate protective equipment as specified in Section 8.
- b) **Environmental precautions:**
Avoid dispersal of spilt 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.**
Cover with absorbent material (soda ash) to confine spill and sweep or shovel into container.

7. HANDLING AND STORAGE

- a) **Precautions for safe handling:**
Put on appropriate personal protective equipment. Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Transfer methods should avoid static sparks. Use explosion proof ventilation.
- b) **Conditions for safe storage, including any incompatibilities:**
Keep in a tightly closed container, stored in a cooled, dry, ventilated area away from sources of heat or ignition. Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). Protect from physical damage. Isolate from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits : Contains no substances with occupational exposure limit values.

Engineering Controls: Use enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits

Personal Protective Equipment

Eyes: Wear safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing(Lab coat) to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

- a. **Appearance :** Liquid
- b. **Odor :** Odorless
- c. **pH :** NDA
- d. **Melting Point/Freezing Point (°C):** Not determined
- e. **Boiling point (°C):** Not determined
- f. **Flash Point (°C) :** Not determined

- g. Flammability** : Not determined
- h. Vapor Pressure** : Not determined
- i. Relative Density** : Not determined
- j. Water Solubility** : Soluble in water

10. STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Acidic pH

Materials to Avoid : Strong oxidizers. May react with lead and copper plumbing to form highly explosive metal azides.

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

11. TOXICOLOGICAL INFORMATION

- a) Information on the likely routes of exposure: Eyes, Oral, Dermal, Inhalation
- b) Symptoms related to the physical, chemical and toxicological characteristics:
INHALATION: No known significant effects or critical hazards.
INGESTION: No known significant effects or critical hazards.
SKIN CONTACT: No known significant effects or critical hazards.
EYE CONTACT: No known significant effects or critical hazards.
- c) Delayed and immediate effects and also chronic effects from short and long term exposure
None Known
- d) Numerical measures of toxicity (such as acute toxicity estimates)
Product does not present a toxicity hazard based on known or supplied 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

Product

Disposal should be in accordance with applicable national, state, and local laws and regulations. Local regulations may be more stringent than national or state requirements. Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any

body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

US DOT : Not dangerous goods.
IMDG : Not dangerous goods.
IATA : Not dangerous goods.
RID/ADR : Not regulated.

15. REGULATORY INFORMATION

SARA:

SARA 302 - No chemicals in this material are subject to the reporting requirements.

SARA 313 - No chemicals in this material with known CAS #s are subject to the reporting requirements.

SARA 311/312 Hazards - No SARA Hazards.

California Prop. 65 components : This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

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

Key abbreviations:

N/A : Not Applicable
NDA : No data available

Notice to reader

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