

1. Identification of substance

Trade name/Stock number:

Glomerular Filtration Rate Test Kit (INULIN) and related products

Glomerular Filtration Test Kit/FIT-0400

INULIN Concentrate/FIT-0403

INULIN Controls /FIT-0404

HRP- INULIN Gadolinium DTPA/FIT-0402

Standard and Sample Diluent FIT-0001

Rabbit anti-INULIN FIT-0401

HRP Substrate Reagent/FIT-0412

HRP Stop Reagent/FIT-0413

Wash Buffer Concentrate/FIT-0005

Goat anti-rabbit coated plate/FIT-0406

Plate Sealer/FIT-0004

INULIN Kit Manual/FIT-0414

Manual for Calculation of GFR/FIT-0007

Manufacturer/supplier:

BioPAL

80 Webster Street

Worcester, MA 01603

Emergency phone: 508-770-1190

2. Composition

Water, buffer salts, detergents, proteins, stabilizers, and preservatives

3. Hazard identification

Irritant, potential neurotoxin and carcinogen

4. First aid measures

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

5. Fire fighting measures

Extinguishing Media: Carbon dioxide or dry chemical powder

6. Accidental release measures

Procedure to be followed in case of leak or spill: Clean area wearing rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid contact with substance. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Do not breathe dust. Do not get in eyes, on skin, or on clothing. Avoid prolonged or repeated exposure.

Storage: Keep tightly closed. Store at 4°C. Do not freeze.

8. Exposure controls

Engineering controls: Safety shower and eye bath.

Personal Protective equipment: Wear chemical resistant gloves, safety goggles, other protective clothing.

General Hygiene measures: Wash contaminated clothing before reuse. Wash thoroughly after handling.

9. Physical Chemical Properties

Appearance: Colorless solution Form. Aqueous suspension

10. Stability and reactivity

Stability: Materials to avoid include strong oxidizing agents, strong acids, strong bases, and organic solvents

11. Toxicological information

The toxicological properties of this material have not been established.

HRP Stop Reagent (Cat. No.: FIT-0413) corrosive/toxic in case of ingestion, corrosive to the eyes, corrosive for lungs, corrosive on skin contact.

INULIN Concentrate (Cat. No.: FIT-0403), **INULIN** Controls (Cat. No.: FIT-0404), HRP- **INULIN** (Cat. No.: FIT-0102), Rabbit anti-**INULIN** (Cat. No.: FIT-0401), and Standard and Sample Diluent (Cat. No.: FIT-0001) all contain Thimerosal and should be considered toxic. Thimerosal is a poison which is harmful by inhalation and ingestion, and may cause reproductive damage. May be harmful through eye and skin contact.

HRP Substrate Reagent (Cat. No.: FIT-0412) contains a non-carcinogenic analog of Bazedine, mild oxidizing agent; toxicological properties have not been thoroughly investigated.

12. Ecological information

The biodegradable nature of these materials has not been established.

13. Disposal considerations

Dispose in a chemical landfill. Observe all federal state, and local environmental regulations.

14. Transport information:

This substance is considered to be non-hazardous for transport and for air transport.

15. Regulatory information

US Classification and label text

Indication of danger: Irritant

Safety statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing

16. Other information

This material is sold for research purposes only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. BioPAL shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2009 BioPAL. License granted to make unlimited paper copies for internal use only.