



Equal Diagnostics
Exton, PA 19341
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MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION AND USE

DISTRIBUTED BY: Equal Diagnostics, Inc.
115 Summit Drive
Exton, PA 19341
Tel: 800-999-6578
Fax: 610-594-8585

CHEMICAL/PRODUCT NAME: **MICROALBUMIN ASSAY**
CATALOGUE NUMBER: **E50440, E50450**

NOTE: Physical and health hazard information on reagent mixtures has not been determined. Any physical and health information noted is based 1) on evaluation of data for the pure ingredients, and 2) concentration of ingredients as packaged.

PRODUCT DESCRIPTION: For the quantitative determination of microalbumin in human urine.

II HAZARDOUS INGREDIENTS

	<u>ACGIH TLV</u> (NE = Not Established)	<u>CAS</u>
Reagent 1	NE	n.ap.
Reagent 2	NE	n.ap.

III TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY/EXPOSURE

SKIN CONTACT: [x] EYE CONTACT: [x] INHALATION: [x] INGESTION: [x]
SKIN ABSORPTION [x]

EFFECTS OF ACUTE EXPOSURE:

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INGESTION: May be harmful if ingested.

INHALATION: May cause irritation to mucous membranes and upper respiratory tract.

EFFECTS OF CHRONIC EXPOSURE: None anticipated.

EVIDENCE OF CARCINOGENICITY, TERATOGENICITY, REPRODUCTIVE TOXICITY, MUTAGENICITY: n.av.

SENSITIZATION TO PRODUCT: n.av.

SYNERGISTIC PRODUCTS: n.av.

LD50: n.av.

IV EMERGENCY AND FIRST AID MEASURES

SKIN: In case of contact, immediately flush area with plenty of water.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

ORAL: If ingested drink plenty of fluids and contact a physician.

INHALATION: If inhaled remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen, and call a physician.

V PHYSICAL DATA

PHYSICAL STATE: R1 liquid; R2 liquid

APPEARANCE AND ODOUR: R1 is a clear colourless liquid; R2 is a clear colourless liquid.

ODOUR THRESHOLD: n.av.

VAPOUR PRESSURE: n.av.

VAPOUR DENSITY: n.av.

SPECIFIC GRAVITY: n.av.

EVAPORATION RATE: n.av.

MELTING POINT: n.av.

BOILING POINT: n.av.

SOLUBILITY IN WATER: Soluble

pH: R1= 7.7; R2 = 7.6

COEFFICIENT OF OIL/WATER DISTRIBUTION: n.av.

VI FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE: No

EXTINGUISHING MEDIA: As appropriate for fire in surrounding materials.

FLASH POINT: n.ap.

UPPER FLAMMABLE LIMIT: n.ap.

LOWER FLAMMABLE LIMIT: n.ap.

AUTOIGNITION TEMPERATURE: n.ap.

HAZARDOUS COMBUSTION PRODUCTS: n.av.

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: n.ap.

SENSITIVITY TO STATIC DISCHARGE: n.ap.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Unknown

VII REACTIVITY DATA

STABLE: Yes
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY WITH OTHER SUBSTANCES: n.av.

HAZARDOUS DECOMPOSITION PRODUCTS: n.av.

VIII PREVENTIVE MEASURES

LOCAL EXHAUST: Not required
PROTECTIVE CLOTHING: Lab coat
PROTECTIVE GLOVES: Rubber nitrile recommended
EYE PROTECTION: Safety glasses with side-shields

OTHER PRECAUTIONS: Avoid contact and inhalation, do not get in eyes, on skin or clothing. Do not pipette by mouth. Wash contaminated clothing before reuse.

RESPIRATORY PROTECTION: None normally required.

LEAK AND SPILL PROCEDURE: Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water.

WASTE DISPOSAL: Dispose of in accordance with all applicable federal, provincial, state, and local regulations. Sodium Azide is used as a preservative in this kit. **Sodium azide** may react with lead or copper to form explosive metal azides. On disposal of preparations containing sodium azide, flush with a large volume of water to prevent azide build up

STORAGE REQUIREMENTS: 2-8°C

SHIPPING INFORMATION: Not regulated

IX MISCELLANEOUS INFORMATION

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DATE PREPARED: March 15, 2006

** n.av. not available n.ap. not applicable*

The information provided on this Material Safety Data Sheet is provided in the interest of promoting safe handling of the material. While this information is believed to be correct. Equal makes no warranty in respect to any of the information disclosed. Observe all federal, provincial, state and local laws concerning health and pollution.

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