

Material Safety Data Sheet, Valid 01/06/2009
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Section 1. Chemical Identification

Catalog #: 4986, H5851, H5852, H5853, AU5853, IL5852, 10262100, 10262102, 10262105, 10262107, 10262109, 10262110

Name: Fluitest® GLU HK
Glucose
Hexokinase Method 5+1

Section 2. Composition / Information on Ingredients

All components contain preparations and are therefore not listed in CAS

Reagent R1: Triethanolamine [102-71-6] 50 mM, pH 8.0
Mg-chloride [7791-18-6] 3.8 mM
Reagent R2: NADP [53-59-8] 1.2 mM
ATP [987-65-5] 1.2 mM
Hexokinase [9001-51-8] >1200 U/l
Glucose-6-phosphate dehydrogenase [9001-40-5] >2160 U/l

Section 3. Hazards Identification

Avoid contact with eyes, skin and inhalation.

Section 4. First - Aid Measures

Remove contaminated clothing and wash before reuse.
In case of contact, immediately wash skin with soap and copious amounts of water.
In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
If inhaled, remove to fresh air.
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Section 5. Fire Fighting Measures

Water spray.
Carbon Dioxide, dry chemical powder or appropriate foam.

Section 6. Accidental Release Measures

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.
Ventilate area and wash spill site after material pickup is complete.

Section 7. Handling and Storage

Refer to section 8

Section 8. Exposure Controls /Personal Protection

Wear chemical resistant gloves, safety, other protective clothing.
 Safety shower, eye bath.
 Mechanical exhaust required.
 Do not breath dust.
 Avoid contact with eyes, skin and clothing.
 Avoid prolonged or repeated exposures.
 Wash thoroughly after handling.

Keep tightly closed.
 Store all components dry, refrigerated at +2 to +8°C.

Section 9. Physical and Chemical Properties

Appearance and odor
 Reagent R1, R2, R4: liquid

Section 10. Stability and Reactivity

Hazardous combustion or decomposition products:
 Carbon dioxide, carbon monoxide, nitrogen oxides, Hydrogen chloride, phosphor
 oxide
 Reactions with: acids, oxidazing agents

Section 11. Toxicological Information

Toxicological data for the reagent mixture are not available. Toxicological data have
 not yet been thoroughly investigated.

Section 12. Ecological Information

Water pollution hazard rating: 1

Section 13. Disposal Considerations

Dissolve or mix the material with combustibile solvent and burn in a chemical
 incinerator equipped with afterburner and scrubber.

Section 14. Transport Information

Is not affected by the current rules for transport of hazardous goods (GGVS/ADR,
 GGVE/RID, IMDG, IATA/ICAO)

Section 15. Regulatory Information

European information:

S 1/2	Keep under lock, out of reach of children
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 36	Wear suitable protective clothing

Section 16. Other Information

The above mentioned information is believed to be correct but does not purport to be
 all inclusive and shall be used only as a guide. Analyticon shall not be held liable for
 any damage resulting from handling or from contact with the above product.
 Refer also to the general sales and shipping terms of Analyticon Biotechnologies AG.