

Material Safety Data Sheet, Valid 01/06/2009
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Company: Analyticon Biotechnologies AG
Am Mühlenberg 10
D-35104 Lichtenfels-Dalwigksthäl
Phone: ++49 - (0)6454-7991-0
Fax: ++49 - (0)6454-7991-71

Section 1. Chemical Identification

Catalog #: 448, 10097101

Name: Fluitest® CREA
Creatinine
Jaffe - Method

Section 2. Composition / Information on Ingredients

All components contain preparations and are therefore not listed in CAS

Reagent R1: Picric acid [88-89-1] 35 mM
Reagent R2: Sodium hydroxide [1310-73-2] 0.32 M
Reagent R4: Creatinine [60-27-5] 176.8 µM

Section 3. Hazards Identification

Avoid contact with eyes, skin and inhalation.
Toxic. Irritant. Harmful. Corrosive.
Exothermic in contact with water.

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.
 Reactions with: strong oxidizing agents, acids, bases, reducing agents, heavy metals,
 heavy metal salts, ammonia, chlorinated solvents

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 combustible 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:
 R1:Harmful, R2: Irritant

R 4	Forms very sensitive explosive metallic compounds.
R 23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R 36/38	Irritant to eyes and skin
S 1/2	Keep under lock, out of reach of children
S 28	After contact with skin, wash immediately with plenty of water
S 37/39	Wear suitable gloves and eye/face protection
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 35	This material and its container must be disposed of in a safe way

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.