

**SAFETY DATA SHEET (SDS)**  
**HemataChek™**

**Section I - Identification**

Manufactured For:  
Separation Technology, Inc.  
An EKF Diagnostics Company  
570 Monroe Road, Suite 1008  
Sanford, FL 32771  
Phone Number: 407-788-788-8791  
Emergency Phone Number: 703-527-3887

Product Name: HemataChek  
Generic Name: Whole Blood Hematocrit Controls  
Catalog Nos: 300-101, 300-102, 300-103, 300-104, 300-105, 300-106, 300-107

**Recommended Use:**

HemataChek is a three-level micro-hematocrit reference control for monitoring the accuracy and precision of the HemataStat Centrifuges and other methods used to measure whole blood spun hematocrit values.

**Restrictions on Use:**

It is not intended that the hematocrit values listed on the assay sheet of HemataChek be analyzed on any electronic cell counter.

**Section 2 – Hazard(s) Identification**

Hazardous Components: 50% Human Blood

The blood used in HemataCHEK has been found to be negative (repeatedly non-reactive) for hepatitis B virus, hepatitis C virus, HIV-1, HIV-2 and HTLV-1 using reagents licensed by the FDA. However, no test can offer complete assurance that these or any other infectious agents are absent. Therefore, HemataChek should be handled with the same care reserved for any human blood specimen.

**Section 3 – Composition/Information on Ingredients**

HemataChek is an in vitro diagnostic reagent composed of stabilized human red cells suspended in a buffered, bacteriostatic and fungistatic fluid.

**Section 4 – First Aid Measures**

Skin: Wash affected area thoroughly with soap and water.  
Eye: Flush with large amounts of water.  
Ingestion: Induce vomiting. Seek medical attention.

**Section 5 – Fire Fighting Measures**

Flash Point: NA  
Extinguishing Media: NA  
Explosion/Combustion Hazard: None

## Section 6 – Accidental Release Measures

If Material is Spilled:	Neutralize spill with at least a 25% solution of sodium hypochlorite (chlorine bleach). Soak up spill with disposable, absorbent towels or similar material. Dispose of towels in a biohazard waste container.
Neutralizing Agent:	Sodium Hypochlorite (Chlorine Bleach).
Waste Disposal Method:	Dispose of in accordance with local, state and federal regulations.

## Section 7 – Handling and Storage

Handling and Storage: Store and use at 15° - 30°C (59° - 86° F). Do not freeze. May be refrigerated, provided it is at 15° - 30°C (59° - 86° F) at the time of use. Avoid excessive heat.

## Section 8 – Exposure Controls/Personal Protection

Material should be handled at Biosafety Level 2 as recommended for any potentially infectious human body fluid.

HemataChek should be handled with the same care reserved for any human blood specimen.

## Section 9 – Physical and Chemical Properties

- Appearance (physical state, color, etc.): Red liquid
- Upper/lower flammability or explosive limits:
- Odor:
- Vapor pressure:
- Odor threshold:
- Vapor density:
- pH:
- Relative density:
- Melting point/freezing point:
- Solubility(ies):
- Initial boiling point and boiling range:
- Flash point: NA
- Evaporation rate:
- Flammability (solid, gas):
- Upper/lower flammability or explosive limits:
- Vapor pressure:
- Vapor density:
- Relative density:
- Solubility(ies):
- Partition coefficient: n-octanol/water:
- Auto-ignition temperature:
- Decomposition temperature:
- Viscosity:

### Section 10 – Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	None
Incompatibility with Other Materials:	None
Hazardous Products of Decomposition:	None
Hazardous Polymerization:	None

### Section 11 – Toxicological Information

#### Route of Entry – Potential Health Effects:

Inhalation:	None
Skin:	None
Ingestion:	None
Eye:	May Cause Irritation

Carcinogenicity: None

Acute and Chronic Health Hazards: Product is manufactured from human blood and should be considered a potential for transmitting disease, Hepatitis.

### Section 12 – Ecological Information

### Section 13 – Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

### Section 14 – Transport Information

Product must be transported in accordance with local, state and federal regulations. Consult carrier for specific guidelines.

### Section 15 – Regulatory Information

### Section 16 – Other Information

*The above information has been obtained from sources considered reliable but has not been independently verified and, therefore, we cannot guarantee the accuracy of the information. No representation or warrant, express or implied, is made with respect to the information contained herein.*