



W.H.P.M., INC.

## MATERIAL SAFETY DATA SHEET

Doc. No.: RMST1-CK  
Version No.: 3.0

## TITLE: MSDS FOR FECAL OCCULT BLOOD TEST KIT T1-CK SERIES

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### Section 1: Product and Company Identification

Product Name: Hemasure Immunological Fecal Occult Blood Cassette Test Kit with Sample Collection Tubes

Catalog Number: T1-CK10, T1-CK10T, T1-CK25, T1-CK25T, T1-CK30, T1-CK30T, T1-CK50, T1-CK100

Company: Hemasure, Inc.  
Street Address: 5358 Irwindale Ave.  
City, State, Zip, Country: Irwindale, CA 91706 USA  
Telephone Number: 626-443-8480  
Fax Number: 626-443-8065

Effective Date: 04/12/2012

### Section 2: Product Composition

The test devices stored in a sealed foil pouch containing desiccant.  
Plastic tubes with buffer solution

### Section 3: Hazards Identification

Emergency Overview: NOT HAZARDOUS  
Device: Lead and other heavy metals not used in/on device.  
Desiccant granules sealed within packet non-toxic but can be irritating.  
Bottle(s): Phosphate buffer solution (PBS) preserved.

### Section 4: First Aid Measures

Rinse eyes if contacted by desiccant granules or buffer solution. If ingested, contact a physician.

### Section 5: Fire Fighting Measures

As appropriate to plastic and paper (water, carbon dioxide, dry chemical, foam).



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### Section 6: Accidental Release Measures

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Not applicable to device. Spilled buffer should be wiped up directly and the area cleaned.

### Section 7: Handling and Storage

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Room temperature storage for product longevity - more extreme conditions do not present safety hazard.

### Section 8: Exposure Controls/Personal Protection Equipment (PPE)

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Not applicable to device.

Applicable PPE for work environment:

#### **Hand protection**

Handle with gloves.

#### **Skin and body protection**

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### **Hygiene measures**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### Section 9: Physical/Chemical Properties

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Appearance: Plastic cassette sealed in foil pouch/ buffer in plastic tube

Physical Properties: Odorless, solid/odorless, liquid

Other (boiling point, solubility, pH, etc.): Not applicable

### Section 10: Stability and Reactivity

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Stability: Stable

Reactivity: No dangerous reactions known for device.

See insert or Certificate of Analysis for use of individual product.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products and Incompatibility: Not known.

### Section 11: Toxicological Information

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Route of exposure: skin contact, eye contact & inhalation: granules within desiccatit packet nontoxic but can be irritant.

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### Section 12: Ecological Information

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No applicable information.

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### Section 13: Disposal Consideration

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Device itself may be disposed as solid waste. Devices tested with patient samples should be handled as potentially bio-hazardous materials in accordance with federal, state and local regulations.

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### Section 14: Transport Information

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Proper Shipping Name: None

Kits and Devices: Not hazardous for transport.

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### Section 15: Regulatory Information

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Not restricted for safety reasons.

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### Section 16: Other Information

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The above information is believed to be correct but is not intended to be all-inclusive and shall be used only as a guide. Hemasure, Inc. makes no warranty, express or implied, and assumes no liability for any damage resulting from the information contained above. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.



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## MATERIAL SAFETY DATA SHEET

### TITLE: MSDS FOR IFOB CONTROL KIT SERIES

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#### Section 1: Product and Company Identification

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Product Name: Hemosure® iFOBT Control Kit  
Contents: 1 positive control 5mL/1 negative control 5mL;  
1 positive control 2mL/1 negative control 2mL

Catalog Number: T1-TC01  
T1-TC02

Company: Hemosure, Inc.  
Street Address: 5358 Irwindale Ave.  
City, State, Zip, Country: Irwindale, CA 91706 USA  
Telephone Number: 626-443-8480  
Fax Number: 626-443-8065

Effective Date: 04/12/2012

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#### Section 2: Product Composition

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Plastic tube with buffer solution

Substance Name	CAS #	SARA 313
Hemoglobin Human (Chemical family human source material)	None	No
Phosphate Buffered Saline (PBS)	None	No



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## Section 3: Hazards Identification

### Emergency Overview:

Biohazard

Handle as if capable of transmitting infectious agents. (Hemoglobin Human)

### HMIS (Hazardous Materials Identification System) Rating:

Health: 0

Flammability: 0

Reactivity: 0

Special Hazard(s): Human Source (Hemoglobin Human)

### NFPA (National Fire Protection Association) Rating:

Health: 0

Flammability: 0

Reactivity: 0

Special Hazard(s): Human Source (Hemoglobin Human)

### Bottle(s):

Buffer solution preserved.

### Health Hazard:

Each Device contains sodium azide at a concentration that is below the acceptable limit of LD50 Oral - rat/mouse - 27 mg/kg and LD50 Dermal - rabbit - 20 mg/kg

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## Section 4: First Aid Measures

### Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

### Inhalation Exposure:

If inhaled, remove to fresh air. If breathing is difficult, call a physician.

### Dermal Exposure:

In case of skin contact, flush with copious amounts of water for at least 15 minutes.

### Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.

Assure adequate flushing by separating the eyelids with fingers. Call a physician.



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## Section 5: Fire Fighting Measures

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Flash Point: N/A

Auto Ignition Temperature: N/A

Flammability: N/A

As appropriate to plastic (water, carbon dioxide, dry chemical, foam)

## Section 6: Accidental Release Measures

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Spilled control solution should be wiped up directly and cleaned the spilled area.

## Section 7: Handling and Storage

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### Handling:

User Exposure: Avoid inhalation, avoid contact with eyes, skin, and clothing, and avoid prolonged or repeated exposure.

### Storage:

Suitable: Keep tightly closed.

Stored unopened at 2°C to 8°C for 1 year.

## Section 8: Exposure Controls/PPE (Personal Protection Equipment)

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### General Hygiene Measures:

Wash hands thoroughly after handling.

### Applicable PPE for work environment:

#### **Hand protection**

Handle with gloves.

#### **Eye protection**

Face shield and safety glasses

#### **Skin and body protection**

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### **Hygiene measures**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.



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## Section 9: Physical/Chemical Properties

Appearance Physical State: Liquid

Property Value at Temperature or Pressure

Molecular Weight: N/A

BP/BP Range (Boiling Point): N/A

Freezing Point: N/A

Vapor Density: N/A

SG (Specific Gravity) Density: N/A

Odor Threshold: N/A

VOC (Volatile Organic Compounds) Content: N/A

Solvent Content: N/A

Viscosity: N/A

Partition Coefficient: N/A

Flash Point: N/A

Flammability: N/A

Refractive Index: N/A

Miscellaneous Data: N/A

pH: 8.0 ~ 8.1

MP/MP Range (Melting Point): N/A

Vapor Pressure: N/A

Saturated Vapor Concentration: N/A

Bulk Density: N/A

Volatile%: N/A

Water Content: N/A

Evaporation Rate: N/A

Surface Tension: N/A

Decomposition Temp.: N/A

Explosion Limits: N/A

Auto Ignition Temp.: N/A

Optical Rotation: N/A

Solubility: N/A

(N/A = not available)

## Section 10: Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products and Incompatibility: Not known.

## Section 11: Toxicological Information

Route of Exposure:

Skin Contact: May causes skin irritation.

Skin Absorption: May be harmful if solution has been absorbed through the skin.

Eye Contact: May causes eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.



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### Section 12: Ecological Information

No applicable information

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### Section 13: Disposal Consideration

Appropriate Method of Disposal of Substance or Preparation:

Contact a licensed professional waste disposal service to dispose of this material. Disposing material should be made in accordance with existing disposal practices employed for infectious waste at your institution, observed by all federal, state, and local environmental regulations.

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### Section 14: Transport Information

DOT (U.S. Department of Transportation):

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA (International Air Transport Association)

Air Transport: Non-hazardous for air transport.

Transport Method: The control set is packed in a zip bag then sealed together with an ice bag in a thermo box when delivered.

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### Section 15: Regulatory Information

EU Additional Classification

Symbol of Danger: B

Indication of Danger: Biohazard.

US Classification and Label Text

Indication of Danger: Biohazard.

US Statements: Handle as if capable of transmitting infectious agents.

United States Regulatory Information

SARA List (Superfund Amendments and Reauthorization Act): No

Canada Regulatory Information

WHMIS Classification (Workplace Hazardous Materials Information System): This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations), and the MSDS contains all the information required by the CPR.

DSL (Domestic Substances List): No

NDSL (Non-Domestic Substances List): No



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**Section 16: Other Information**

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