



# Safety Data Sheet Whole Blood/Toxicology Control

SDS Revision Date:  
Form Number\_Revision:

07/23/2015  
FM-75-01-11\_Revision A

## 1. Identification

### 1.1. Product identifier

**Product Identity** Whole Blood TDM/Toxicology Control  
**Alternate Names** Whole Blood TDM/Toxicology Control

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Technical Data Sheet.  
**Application Method** See Technical Data Sheet.

### 1.3. Details of the supplier of the safety data sheet

**Company Name** UTAK Laboratories, Inc.  
25020 Avenue Tibbitts  
Valencia, California 91355

### Emergency

**CHEMTREC (USA)** (800) 424-9300  
**24 hour Emergency Telephone No.** Toll free: (800) 235-3442  
Direct: (661) 294-3935  
Fax: (661) 294-9272

**Customer Service: UTAK Laboratories, Inc.**

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

No applicable GHS categories.

### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

#### [Prevention]:

No GHS prevention statements

#### [Response]:

No GHS response statements

#### [Storage]:

No GHS storage statements

#### [Disposal]:

SDS Revision Date:  
Form Number\_Revision:07/23/2015  
FM-75-01-11\_Revision A

No GHS disposal statements

### 3. Composition/information on ingredients

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

Non-Hazardous Ingredients:  
Human Whole Blood > 99%  
Analytes < 0.05%

### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Overview** No specific symptom data available.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

As appropriate for surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

#### 5.3. Advice for fire-fighters

None

**ERG Guide No.** ----

SDS Revision Date:  
Form Number\_Revision:07/23/2015  
FM-75-01-11\_Revision A

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Wash contaminated surfaces with disinfectant solution.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Although the whole blood has been tested and found negative of HBsAg by RIA and HIV by EIA, the control material should be treated as any other potential infectious agent.

### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No data available.

### 7.3. Specific end use(s)

For analytical or laboratory use only

## 8. Exposure controls and personal protection

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

### 8.2. Exposure controls

**Respiratory** Avoid breathing dried material. Use ventilation of a standard laboratory hood system.

**Eyes** Protective safety glasses recommended

**Skin** Wear appropriate laboratory apparel and impervious gloves.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

## 9. Physical and chemical properties

**Appearance**

Dark red Solid

SDS Revision Date:  
Form Number\_Revision:**07/23/2015**  
**FM-75-01-11\_Revision A**

<b>Odor</b>	Slight
<b>Odor threshold</b>	Not determined
<b>pH</b>	7-8 reconstituted with H2O
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	Not Measured
<b>Solubility in Water</b>	Freely Soluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>9.2. Other information</b>	
No other relevant information.	

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

## 11. Toxicological information

SDS Revision Date:  
 Form Number\_Revision:

07/23/2015  
 FM-75-01-11\_Revision A

**Acute toxicity**

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**12. Ecological information**

**12.1. Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**

No data available.

SDS Revision Date:  
Form Number\_Revision:

07/23/2015  
FM-75-01-11\_Revision A

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**

No data available.

**13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

**14. Transport information**

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Applicable	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user</b>	No further information		

**15. Regulatory information**

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	Not Regulated
<b>US EPA Tier II Hazards</b>	<p><b>Fire:</b> No</p> <p><b>Sudden Release of Pressure:</b> No</p> <p><b>Reactive:</b> No</p> <p><b>Immediate (Acute):</b> No</p> <p><b>Delayed (Chronic):</b> No</p>

SDS Revision Date:  
Form Number\_Revision:07/23/2015  
FM-75-01-11\_Revision A**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-

**Proposition 65 - Carcinogens (>0.0%):**

1,4-Butanediol dimethanesulfonate (Busulfan)

Acetamide, N-(4-ethoxyphenyl)-

Benzene

Ciclosporin (Cyclosporin A; Cyclosporine)

Ethyl Benzene

METHOXYPORALEN

Oxazepam

Phenytoin

Primaclone

**Proposition 65 - Developmental Toxins (>0.0%):**

(2S-cis)-3-Acetoxy-5-[2-(dimethylamino)ethyl]-2,3-dihydro-2-(4-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one monohydrochloride

1,4-Butanediol dimethanesulfonate (Busulfan)

[1,1'-Biphenyl]-4-acetic acid, 2-fluoro-.alpha.-methyl-

Acetamide, N-[5-(aminosulfonyl)-1,3,4-thiadiazol-2-yl]-

Alprazolam

Amoxapine

Benzene

Carbamazepine

Chlordiazepoxide

Diazepam

Ethylene glycol

Flurazepam hydrochloride

Halazepam

Haloperidol

Lorazepam

Meprobamate

Methanol

Methotrexate



# Safety Data Sheet Whole Blood/Toxicology Control

SDS Revision Date:  
Form Number\_Revision:

07/23/2015  
FM-75-01-11\_Revision A

Netilmicin sulfate  
Oxazepam  
Paramethadione  
Phenytoin  
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-  
Streptomycin sulfate  
Temazepam  
Triazolam  
TYROSINE, 3-HYDROXY-  
Valproate

**Proposition 65 - Female Repro Toxins (>0.0%):**

[1,1'-Biphenyl]-4-acetic acid, 2-fluoro-.alpha.-methyl-  
Haloperidol

**Proposition 65 - Male Repro Toxins (>0.0%):**

Benzene

**New Jersey RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%) :**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

Not Applicable

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

This information is intended to be applicable to TDM/Toxicology Control materials manufactured by UTAK only. It does not relate to the pure materials which are used to manufacture this product. The information presented in this data sheet has been gathered from reliable sources, but has not been verified by UTAK. Therefore, there is neither official representation nor specific guarantees for the complete accuracy of information.

End of Document





**Safety Data Sheet  
Whole Blood/Toxicology Control**

SDS Revision Date:  
Form Number\_Revision:

07/23/2015  
FM-75-01-11\_Revision A

