



## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

#### 1.1 Product Identifier

Product Identity: Biological Material, Human, SeraCare

Product Code: SeraCare HIV panels (various) Syphilis panels (various) Zika panels (various)

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

Intended Use: For *In Vitro* use only, for medical and scientific research use only

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

Manufacturer: Chembio Diagnostic Systems, Inc.

3661 Horseblock Road, Medford, NY 11763

Phone: 631-924-1135

[www.chembio.com](http://www.chembio.com)

Emergency Phone: +001 631 924 1135

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Based on available data, the classification criteria are not met. No applicable GHS categories.

#### 2.2 GHS Label elements, including precautionary statements

Based on available data, the classification criteria are not met. No applicable GHS categories.

#### 2.3 Hazards not otherwise classified (HNOC) or covered by GHS

No information available

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substances

There are no ingredients in this product which are classified as hazardous.

Non Hazardous Ingredients: Biological Material, Human

### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

Inhalation: Not an expected route of exposure.

Ingestion: If mucous membranes of the mouth are contacted, spit it out and rinse the mouth well with water several times, spitting out after each rinse. Seek immediate medical advice.

Skin Contact: Take off all contaminated clothing immediately. Wash off with soap and plenty of water for at least 15 minutes. Wash contaminated clothing before re-use. Seek immediate medical advice.



Eye Contact: If eyes are contaminated, rinse the area gently for at least 15 minutes with water or normal saline. Seek immediate medical advice.

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

Emergency Overview: Human biological material is a potential source of blood borne human infective agents including (but not limited to) Hepatitis A, Hepatitis B, Hepatitis C, HIV-1 and 2 (Human Immunodeficiency Viruses), Human Parvovirus B19 and any causative agent of human disease. It must be handled as if it is potentially infectious. Information for safe handling is included in the OSHA Bloodborne Pathogens Standard (29 CFR 1910.1030) and / or the CDC –NIH Biosafety level 2 standards, special practices, safety equipment and facilities recommendations.

#### Potential Health Effects:

Eyes: There is a possibility of viral transmission from exposure to mucous membranes.

Skin Contact: There is a possibility of viral transmission from exposure to broken skin.

Skin Absorption: The product is not absorbed through the skin.

Ingestion: There is a possibility of viral transmission from exposure to mucous membranes.

Inhalation: There is a possibility of viral transmission from exposure to mucous membranes.  
See section 2 for further details.

## SECTION 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Substance is nonflammable nor explosive.

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

None known.

### 5.3 Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment in emergency procedures

Use personal protective equipment (see section 8). Do not get in eyes, on skin, or on clothing.

### 6.2 Environmental precautions

Should not be released into environment.



### 6.3 Methods and materials for containment and cleaning up

Wear suitable protective equipment. Soak up with inert absorbent material. Dispose of cleanup material in marked biohazard containers. Clean with approved disinfectant.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

This product is prepared from human biological material, and sourced from human subjects. All biological products should be treated as potentially infectious, and handled as if capable of transmitting infectious agents. Do not get in eyes, on skin, or on clothing. Do not taste or swallow.

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

Keep container tightly closed and in a dry and well-ventilated place.

Handle containers carefully to prevent damage or spillage

### 7.3 Specific end use(s)

Use in Laboratories.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

Appropriate engineering controls: Ensure that eyewash stations and safety showers are close to the workstation location. Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimize release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source.

Personal protective equipment :

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Under proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: impervious clothing, the type of protection equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.



Respiratory protection: Respiratory protection not required. For nuisance exposures of type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No information available.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

a) Appearance	Form: liquid
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

### **9.2 Other safety information**

No data available

## **SECTION 10. STABILITY AND REACTIVITY**

### **10.1 Reactivity**

No data available

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

No data available

### **10.4 Conditions to avoid**

No data available

### **10.5 Incompatible materials**

None known

**10.6 Hazardous decomposition products**

Other decomposition products – No data available

In the event of a fire: see section 5

**SECTION 11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

Acute toxicity

No acute toxicity information is available for this product

Inhalation

No data available

Dermal

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

Not available

**SECTION 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Do not empty into drains.

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available



## 12.5 Results of PBT and vPvB assessment

No data available for assessment

## 12.6 Other adverse effects

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### **Product**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

#### **Contaminated packaging**

Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

## SECTION 14. TRANSPORTATION INFORMATION

DOT: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

## SECTION 15. REGULATORY INFORMATION

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

No SARA Hazards

## SECTION 16. OTHER INFORMATION

The information contained herein is accurate to the best knowledge of Chembio Diagnostic Systems, Inc. Chembio makes no warranty of any kind, expressed or implied, concerning the safe use of this material in the process or in combination with any other substances. Since the use of this information and the conditions of use of the product are not within the control of Chembio Diagnostic Systems, it is the users' obligation to assure safe use of the product. Chembio Diagnostic Systems shall not be held liable for any damage resulting from handling or from contact with the above product.

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