



## PRODUCT & COMPANY IDENTIFICATION

### 1.1 Product identifiers

Catalog Name : THPO MAb - CSB0126  
Product Name : CSB0126  
Brand : VeRSaMAb® (Cell Surface Bio)

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

Recommended use : For research use only. Not Intended for diagnostic or therapeutic use.  
Uses advised against : Not to be used in humans, food, or animals

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

Company : Integral Molecular, Inc. dba Cell Surface Bio  
One uCity Square, 25 N. 38th St, Suite 800  
Philadelphia, PA 19104  
Telephone : +1 (215) 987-0728

### 1.4 Emergency telephone number

Telephone : +1 (215) 987-0728  
Uses advised against : Not to be used in humans, food, or animals

## HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.  
This substance/mixture is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

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

None

## COMPOSITION/INFORMATION INGREDIENTS

THPO MAb - CSB0126

## FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Inhalation

Move person into fresh air. Obtain medical attention if difficulty breathing

#### Ingestion

Rinse mouth with water. Do not induce vomiting.

#### Skin contact

Wash off immediately with soap and plenty of water.

#### Eye contact

Flush eyes with plenty of water as a precaution.

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

No information available

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

## FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Substance is non-flammable. Use extinguishing agent suitable for surrounding fire.

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

None known.

### 5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear if necessary.

## ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

- 6.2 Environmental precautions**  
Should not be released into the environment.
- 6.3 Methods and materials for containment and cleaning up**  
Keep in suitable closed containers for disposal
- 6.4 Reference to other sections**  
Refer to protective measures in Sections 8 and 13.

## HANDLING AND STORAGE

- 7.1 Precautions for safe handling**  
Handle in accordance with good industrial hygiene and safety practices. Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Keep container tightly closed. Stable for 12 months from date of receipt when stored at 4°C. Avoid repeated freeze-thaw cycles.
- 7.3 Specific end use(s)**  
See Section 1.2

## EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- Components with workplace control parameters**  
Contains no substances with occupational exposure limit values.
- 8.2 Exposure controls**
- Appropriate engineering controls**  
General industrial hygiene practice
- Personal protective equipment**
- Eye/face protection**  
Use equipment for eye protection tested and approved under appropriate government standards.

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

**Body protection**

Wear impervious clothing

**Respiratory protection**

Respiratory protection not required. In case of insufficient ventilation wear suitable respiratory equipment that has been tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

**Control of environmental exposure**

No special environmental precautions required.

**PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Clear
<b>Form</b>	Liquid
<b>pH</b>	7.4
<b>Odor</b>	No information available
<b>Odor Threshold</b>	No information available
<b>Melting point/range</b>	No information available
<b>Boiling point/range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Explosion limits</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Relative density</b>	No information available
<b>Water solubility</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

- 9.2 Other safety information**  
No information available

## STABILITY AND REACTIVITY

- 10.1 Reactivity**  
No information available
- 10.2 Chemical stability**  
No information available
- 10.3 Possibility of hazardous reactions**  
No information available
- 10.4 Conditions to avoid**  
No information available
- 10.5 Incompatible materials**  
No information available
- 10.6 Hazardous decomposition products**  
No information available. In the event of a fire: see section 5

## TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- Acute toxicity**  
No information available
- Skin corrosion/irritation**  
No information available
- Serious eye damage/eye irritation**  
No information available
- Respiratory or skin sensitization**  
No information available
- Germ cell mutagenicity**  
No information available

**Carcinogenicity**

- IARC: No component of this product present at >0.1% levels is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH: No component of this product present at >0.1% levels is identified as probable, possible or confirmed human carcinogen by ACGIH.
- NTP: No component of this product present at >0.1% levels is identified as probable, possible or confirmed human carcinogen by NTP.
- OSHA: No component of this product present at >0.1% levels is identified as probable, possible or confirmed human carcinogen by OSHA.

**Reproductive toxicity**

No information available

**Specific target organ toxicity - single exposure**

No information available

**Specific target organ toxicity - repeated exposure**

No information available

**Aspiration hazard**

No information available

**Additional Information**

RTECS: Not available

Chemical, physical and toxicological properties have not been thoroughly investigated.

**ECOLOGICAL INFORMATION****12.1 Toxicity**

No information available

**12.2 Persistence and degradability**

No information available

**12.3 Bioaccumulative potential**

No information available

**12.4 Mobility in soil**

No information available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment is not required

**12.6 Other adverse effects**

No information available

**DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Product**

Use a licensed disposal company with biological waste disposal capability.

**Contaminated packaging**

Dispose of as for unused product.

**TRANSPORT INFORMATION**

Not dangerous goods

**REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****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

**State Right To Know Components**

No known hazardous components.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment (CSA) has not been conducted.

**OTHER INFORMATION****Disclaimer**

The above information is believed to be correct but does not claim to be all inclusive and should only be used as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The information herein does not represent any guarantee of the properties of the product. Integral Molecular shall not be held liable for any damage resulting from handling or from contact with the above product.

**Safety Data Sheet Preparation**

Integral Molecular, Inc. dba Cell Surface Bio  
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Philadelphia, PA 19104