

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : CMV gH pentamer complex  
IUPAC name: -  
Product number : CMV-PENT  
CAS number: -

Company : The Native Antigen Company Ltd.  
Building B  
Langford Locks  
Kidlington  
Oxfordshire  
OX5 1LH  
[Tel+44 \(0\)1865 595230](tel:+441865595230)

E-mail address : [contact@thenativeantigencompany.com](mailto:contact@thenativeantigencompany.com)

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

None identified

#### Label elements

Pictogram None

Signal word: None

Hazard statement(s) None

Precautionary statement(s) None

Hazard symbol(s) None

R-phrases(s) None

S-phrases(s) None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CMV gH/gL/UL128/UL130/UL131 pentameric protein complex, recombinant. Sample is of biological origin and is presented as a clear liquid in a plastic vial. Each vial contains no more than 1000µg.

Additional components present: Dulbecco's modified Phosphate Buffered Saline pH 7.4.

#### 4. FIRST AID MEASURES

- If inhaled:** If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.
- In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.
- In case of eye contact:** Rinse thoroughly at eyewash station for at least 15 minutes and consult a physician.
- If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

None.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so.

**Methods and materials for containment and cleaning up**

Clean up using standard laboratory procedures.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling**

No precautions required.

**Conditions for safe storage**

Follow storage instructions on Certificate of Analysis

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Respiratory protection**

Not required

**Hand protection**

Not required

**Eye protection**

Not required

**Skin and body protection**

Laboratory coat

**Hygiene measures**

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Colourless, clear liquid.

### Safety data

pH: pH 7.4  
Melting point: no data available  
Boiling point: no data available  
Flash point: no data available  
Ignition temperature: no data available  
Lower explosion limit: no data available  
Upper explosion limit: no data available  
Water solubility: soluble

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Conditions to avoid

Avoid multiple freeze thaw cycles

### Materials to avoid

Strong oxidizing agents, proteases.

### Hazardous decomposition products

None known

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

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

### Aspiration hazard

no data available

**Potential health effects**

no data available

**Signs and Symptoms of Exposure**

no data available

**Additional Information**

no data available

**12. ECOLOGICAL INFORMATION**

**Toxicity**

no data available

**Persistence and degradability**

Protein degrades easily

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

**13. DISPOSAL CONSIDERATIONS**

**Product**

Observe all federal, state, and local environmental regulations. No other special disposal conditions.

**Contaminated packaging**

Dispose of as unused product.

**14. TRANSPORT INFORMATION**

No hazard

**15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**16. OTHER INFORMATION**

None

**Last update:** 13 May 2014

**Prepared by:** The Native Antigen Company

Although the information, opinions and recommendations contained in this Safety Data Sheet are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information.