**SAFETY DATA SHEET**

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

Product Name: Monkeypox virus gp115 / 39kDa protein, C-terminal His-tag

IUPAC name: -

Product Number: REC32033

CAS number:

Company: The Native Antigen Company Ltd.

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E-mail address: NAC.Contact@LGCGroup.com

**2. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

**Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<div>39kDa protein (A5L, MPXVgp115) is an immunodominant protein expressed late during infection and is present in the viral core.</div>. Sample is of biological origin and is presented as a liquid in a plastic vial. Each vial contains no more than 1000µg.

Additional components present: DPBS.

**4. FIRST AID MEASURES**

**If inhaled:** Remove person to fresh air, seek medical advice if breathing becomes difficult.

**In case of skin contact:** Wash off with soap and water.

**In case of eye contact:** Rinse at eyewash station.

**If swallowed:** No treatment required.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

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

**Special protective equipment for fire-fighters**

None required.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Avoid direct contact with the product. Wear a laboratory coat, protective glasses and gloves.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so.

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

Pick up using absorbent tissue and arrange for safe disposal. Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Avoid contact with skin and eyes.

**Conditions for safe storage**

Recommended storage temperature:

Short term: -80ºC.

Long-term: -80ºC.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Respiratory protection**

None necessary.

**Hand protection**

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the

standard EN 374 derived from it.

Handle with gloves.

**Eye protection**

Safety glasses if desired

**Skin and body protection**

Laboratory coat

**Hygiene measures**

Avoid contact with skin, eyes and clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Colourless liquid

**Safety data**

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

**Hazardous decomposition products**

None known

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

**Aspiration hazard**

no data available

**Potential health effects**

**Inhalation** None

**Ingestion** None

**Skin** None

**Eyes** May cause eye irritation.

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been

thoroughly investigated.

**Additional Information**

**11. ECOLOGICAL INFORMATION**

**Toxicity**

No data available

**Persistence and degradability**

Degrades easily

**Bioaccumulative potential**

Low

**12. DISPOSAL CONSIDERATIONS**

**Product**

Observe all federal, state, and local environmental regulations. Can be disposed of down sink.

**Contaminated packaging**

Dispose of as unused product.

**13. TRANSPORT INFORMATION**

Not dangerous goods, no transport limitations.

**14. REGULATORY INFORMATION**

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

**15. OTHER INFORMATION**

 None

**Last updated:** 01/08/2022

**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.