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# SAFETY DATA SHEET

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

Product name: Rabbit Anti Flavivirus Envelope Protein Antibody (4G2)

IUPAC name: -

Product number: MAB12411-100

CAS number:

Company: The Native Antigen Company

Building B Langford Locks Kidlington Oxfordshire OX5 1LH

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#### 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

Monoclonal antibody purified from hybridoma cell supernatant. Each vial contains no more than 1000μg.

Additional components present: PBS Preservative: 0.02% Proclin 300

#### 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:** Flush mouth with water

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

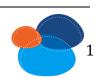
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

# Special protective equipment for fire-fighters



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None required.

## **6. ACCIDENTAL RELEASE MEASURES**

## **Personal precautions**

Wear 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: -20C for long term, +4C for up to one month

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Proclin 300

Long-term exposure limit (8-hour TWA): WEL 0,2 mg/m³ Short-term exposure limit (15-minute): WEL 0,4 mg/m³ Sk

WEL = Workplace Exposure Limit Sk = Can be absorbed through skin

## 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

Wear approved safety goggles

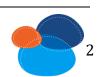
#### Skin and body protection

Laboratory coat

## Hygiene measures

Avoid contact with skin, eyes and clothing.







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## 9. PHYSICAL AND CHEMICAL PROPERTIES

# **Appearance**

Colourless liquid

Safety data

pH: 7.2-7.4

Melting point:
Boiling point:
Flash point:
Ignition temperature:
Lower explosion limit:
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

Reducing agents, Amines, Mercaptans

#### 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

Harmful if inhaled

## Germ cell mutagenicity

no data available

### Carcinogenicity

Proclin 300 at levels greater than or equal to 0.1% is not identified as probable, possible or a confirmed human carcinogen by IARC.

## Reproductive toxicity

no data available

### **Aspiration hazard**

no data available

# Potential health effects



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InhalationAvoid breathing aerosolsIngestionHarmful if swallowed

**Skin** May cause sensitization by skin contact

**Eyes** Irritating to eyes and skin

## Signs and Symptoms of Exposure

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

#### **Additional Information**

#### 12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **Toxicity**

No data available

## Persistence and degradability

Degrades easily

## **Bioaccumulative potential**

Low

## 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. Can be disposed of down sink.

### Contaminated packaging

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

Not dangerous goods, no transport limitations.

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

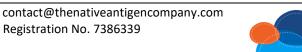
None

Last updated: 18/02/2020

Prepared by: The Native Antigen Company



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