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# SAFETY DATA SHEET

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

Product name: Human IgM Anti SARS-CoV-2 Spike (S1) Antibody (CR3022)

IUPAC name: -

Product number: MAB12423-50

CAS number:

Company: The Native Antigen Company

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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

Recombinant monoclonal antibody purified from 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.



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**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**

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: Short term: Up to 3 months at +4°C. Long-term: -20°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## **Proclin 300**

Long-term exposure limit (8-hour TWA): WEL 0,2 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 0,4 mg/m<sup>3</sup> Sk

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

## **Personal protective equipment**

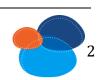
## **Respiratory protection**

None necessary.

## **Hand protection**



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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.

#### 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
no data available
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

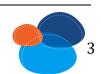
### **Acute toxicity**

no data available

## Skin corrosion/irritation

no data available







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# 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**

InhalationAvoid breathing aerosolsIngestionHarmful if swallowed

**Skin** May cause sensitization by skin contact

**Eyes** Irritating to eyes and skin

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## **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







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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.

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#### 15. REGULATORY INFORMATION

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

#### 16. OTHER INFORMATION

None

Last updated: 16/04/2020

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.

