

## Safety Data Sheet

### Rabbit IgG Isotype Control Polyclonal Antibody APC Conjugate

Cat#: orb248102

#### 1. PRODUCT INFORMATION

Product Name: Rabbit IgG Isotype Control Polyclonal Antibody APC Conjugate

Catalog Number: orb248102

#### 2. HAZARDS IDENTIFICATION

##### Classification of the substance or mixture

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

##### Label elements

Not dangerous

Precautionary Statements - EU (No 1272/2008)

P280 - Wear protective gloves/ protective clothing

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

##### Substances

Chemical Name	EC-No	CAS-No	Weight %	Classification (Reg. 1272/2008)	REACH Registration
Sodium azide	247-852-1	26628-22-8	0.05	Acute Tox. 2 (H300) Acute Tox. 1 (H310) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 4. FIRST AID MEASURES

**Inhalation** Remove affected person to fresh air. Seek medical attention if necessary.

**Skin contact** Wash off immediately with plenty of water. Remove contaminated clothing. Seek medical attention if necessary.

**Eye contact** Rinse thoroughly with plenty of water. Seek medical attention if necessary.

**Ingestion** Rinse mouth with water. Never administer anything orally. Seek medical attention if necessary.

**Self-protection of first aider** Ensure self-protection by wearing appropriate personal protective equipment.

## 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide depending on the surrounding equipment and materials.

### Special protective equipment for firefighters

Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus (SCBA).

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Do not take action without suitable clothing. Also refer to section 8. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.

**Environmental precautions** Do not allow product to enter water courses. Avoid soil pollution. Also refer to section 12.

**Containment** Soak up with inert absorbent material.

**Cleaning** Disinfect area thoroughly.

## 7. HANDLING AND STORAGE

**Safe Handling** No special handling advice required but it is recommended to work according to Good Laboratory Practice (GLP)

**Storage** Keep in properly labelled containers. Refer to datasheet for correct storage conditions.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure controls

#### Exposure limits

**Engineering measures** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

**Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand protection** Protective gloves.

**Eye protection** Safety glasses approved to government standards.

**Skin and body protection** Wear personal protective equipment and clothing.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** Prevent product from entering water courses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid

**Color:** Colorless

**Odor:** No data available

**pH:** No data available

**Melting point/freezing point:** No data available

**Initial boiling point and boiling range:** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Flammability (solid, gas):** No data available

**Upper/lower flammability or explosive limits:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Relative density:** No data available

**Solubility:** Soluble

**Partition coefficient:** n-octanol/water: No data available

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Viscosity:** No data available

**Explosive properties:** No data available

**Oxidising properties:** No data available

## 10. STABILITY AND REACTIVITY

**Reactivity:** Stable under recommended transport or storage conditions.

**Chemical stability:** No hazardous reactions when handled and stored according to provision.

**Possibility of hazardous reactions:** No data available

**Conditions to avoid:** Freeze thaw cycles

**Incompatible materials:** No data available

**Hazardous decomposition products:** No dangerous decomposition products known

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

This product is supplied in small quantities with a concentration below the acceptable limit for hazardous ingredients, the toxicological risk is minimal.

### Specific effects

**Mutagenic effects** No data available

**Carcinogenic effects** No data available

**Reproductive toxicity** No data available

**Target Organ Effects** No data available

### Principle Routes of Exposure/ Potential Health effects

**Inhalation** No data available

**Ingestion** No data available

**Skin** May cause skin irritation

**Eyes** May cause eye irritation

## 12. ECOLOGICAL INFORMATION

This product is supplied in small quantities with a concentration below the acceptable limit for hazardous ingredients, the ecological risk is minimal.

## 13. DISPOSAL CONSIDERATIONS

The product and packaging must be disposed of in compliance with the respective national regulations. Observe all Federal, State and Local laws concerning health and pollution.

There are no special transport regulations in accordance with ADR/RID (road/rail), IMDG (sea), ICAO/IATA (air).

### IATA

**Proper shipping name** Not classified as dangerous in the meaning of transport regulations

**Hazard Class** No data available

**Subsidiary Class** No data available

**Packing Group** No data available

**UN Number** No data available

## 14. TRANSPORT INFORMATION

### DOT REGULATIONS

Hazard Class: Non-hazardous for transport

### LAND TRANSPORT

ADR/RID Class: Non-hazardous for transport

### MARITIME TRANSPORT

IMDG Class: Non-hazardous for transport

### AIR TRANSPORT

ICAO/IATA Class: Non-hazardous for transport

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available – No single component contains a hazardous ingredient in an amount that requires identification and labelling according to EC directives

### Chemical Safety Assessment

No data available

## 16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

H300 - Fatal if swallowed

H310 - Fatal in contact with skin

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

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