



**Aviva Systems Biology Corporation**  
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## MATERIAL SAFETY DATA SHEET

### Section 1 – Product and Company Information

*Product Name:* ORA13 Antibody:FITC  
*Product Number:* OAPB00518-FITC  
*Company Name:* Aviva Systems Biology Corporation  
*Street Address:* 5754 Pacific Center Blvd, Suite 201  
*City, State, Zip Code:* San Diego, CA 92121  
*Fax:* (858) 552-6975  
*Emergency Phone:* If in the US: 911

### Section 2 – Hazardous Components/Ingredients

Sodium azide may react with lead and copper plumbing to form highly explosive metal azides.

#### HMIS RATING

Health: 0  
Flammability: 0  
Reactivity: 0

#### NFPA RATING

Health: 0  
Flammability: 0  
Reactivity: 0

For additional information on toxicity, please refer to Section 7.  
Observe normal laboratory precautions.

### Section 3 – Chemical Components

Ingredient Name	CAS Number
Rabbit immunoglobulin G	None
Phosphate Buffered Saline (PBS) Solution, pH7.4	None

### Section 4 – Physical Data

*Appearance:* Transparent liquid

### Section 5 – Fire and Explosion Hazard

Not applicable.

### Section 6 – Reactivity Data

Not applicable.

*Materials to Avoid:* Avoid contact with metals. Avoid contact with acid. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Dimethyl sulfate is incompatible with sodium azide, acid chlorides, halogenated solvents.

### Section 7 Toxicological Properties

May be harmful if inhaled, ingested or absorbed into the skin. The toxicological properties of this products have not been investigated thoroughly.

*Ingestion:* May be harmful if swallowed

*Inhalation:* May be harmful if inhaled. May be irritating to mucous membranes

and upper respiratory tract  
*Skin contact:* May cause skin irritation. May be harmful if absorbed through the skin.  
*Eye contact:* May cause eye irritation.

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

Laboratory experiments in animals have shown sodium azide to produce a profound hypotensive effect, demyelination of myelinated nerve fibers in the central nervous system, testicular damage, blindness, attacks of rigidity, and hepatic and cerebral effects. May azides cause a fall in blood pressure and some inhibit enzyme action.

#### **Section 8 – Preventative Measures**

Wear chemical safety goggles and chemical-resistant gloves. Avoid inhalation and contact with the eyes, skin, or clothing.

#### **Section 9 – Exposure Controls**

General hygienic and precautionary measures for handling laboratory reagents should be followed.

#### **Section 10 – Handling and Storage**

**Handling** User Exposure: Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.  
**Storage** Keep tightly closed.  
Store at -20° for up to a year; store at +4° C for up to a month

#### **Section 11 – First Aid Measures**

*Ingestion* Wash mouth out with water if person is conscious. Call a physician immediately.  
*Inhalation* If inhaled, remove to fresh air. Call a physician if breathing become difficult.  
*Skin contact* Flush with copious amounts of water for a minimum of 15 minutes. Remove contaminated clothing and shoes. Call a physician if a rash develops.  
*Eye contact* If eye contact occurs, flush with copious amounts of water for at least 15 minutes. Separate eyelids with fingers to ensure adequate flushing. Call a physician.

#### **Section 12 – Transport Information**

This substance is considered to be non-hazardous for transport.

#### **Section 13 – Preparation**

<i>Prepared by:</i>	<i>Phone:</i>	<i>Date Created:</i>	<i>Date Modified:</i>
Aviva Systems Biology Corporation	858-552-6979	02/07/2018	02/07/2018

#### **Section 14 – Other Information**

This product is for research use only. This product is not intended for household, drug, therapeutic or other uses.

Please note the above information is to be used only as a guide.