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## Material Safety Data Sheet (MSDS)

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: TIRAP Antibody (Phospho-Tyr86)

Catalog Number: OASG07202

Supplier Identification:

Aviva Systems Biology Corp.  
5754 Pacific Center Blvd., Suite 201  
Tel: 858-552-6979 Fax: 858-552-6975

### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Antibodies are from animal source as specified on product PDF datasheet. To properly use AVIVA SYSTEMS BIOLOGY CORP. MSDS, please refer to product PDF datasheet to determine the exact attribute descriptions (ie exact concentrations of preservatives), and then refer to the appropriate safety regulation written below.

Component: Antibody Preservative

Chemical Name: Sodium Azide % Conc.: 0.02%

CAS#: 26628-22-8 EC#: 247-852-1

Classification (pure ingredient): T+: R28,R38; N:R50/53

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESCRIPTION

This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29CFR 1910.1200 and the European Directive 91/155/EEC.

#### CLASSIFICATION SYSTEM

The classification was made according to the latest editions of the international substances lists, and expanded upon from company and literature data.

#### EMERGENCY OVERVIEW

OSHA Hazards: No known OSHA hazards

GHS Classification: Acute aquatic toxicity (Category 3)

#### GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Picogram: none Signal Word: none

Hazard Statement(s): H402 Harmful to aquatic life

Precautionary Statement(s): none

#### HMIS CLASSIFICATION

Health Hazard: 0

Flammability: 0

Physical Hazards: 0

#### NFPA RATING

Health Hazard: 0

Fire: 0

Reactivity Hazards: 0

#### POTENTIAL HEALTH EFFECTS

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. Skin: May be harmful if absorbed through skin. May cause skin irritation. Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

#### 4. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. Seek medical attention if needed.

Skin Contact: Wash off with soap and plenty of water. Remove all contaminated personal protective equipment. Seek medical attention if needed.

Eyes: Flush eyes with water as a precaution. Seek medical attention if needed. Ingestion: Rinse mouth with water. Do NOT induce vomiting. Seek medical attention if needed.

#### 5. FIREFIGHTING MEASURES

Conditions of flammability: Not flammable or combustible.

Suitable extinguishing media: Use carbon dioxide, extinguishing powder, water spray, or alcohol-resistant foam.

Special protective equipment for firefighters: No special measures required.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Not required.

Environmental Precautions: Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal.

#### 7. HANDLING AND STORAGE

##### HANDLING

Information for safe handling: No special measures are required.

Information about protection from explosions and fires: No special measures are required.

##### STORAGE

Recommended storage temperature: -20C or 4C

Conditions for safe storage: Store away from oxidizing agents.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

The product does not contain any substance with occupational hazard exposure limit values.

Personal Protective Equipment: General Protective and Hygienic measures: The usual precautions for handling chemicals should be followed.

Respiratory protection: Respiratory protection not required. In case of brief exposure, use a chemical fume hood or a type OV/AG (US) or type AHEK (EU EN 14387) respirator cartridges.