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## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Identification of the Substance/Preparation

Product Number **OKBB00607**  
Product Name **TIMP-4 ELISA Kit (Mouse) (96 wells)**

### 2. COMPOSITION, INFORMATION ON INGREDIENTS

CAS-No	Chemical Name	Concentration	EINECS#
26628-22-8	Sodium azide	0.02%	-

### 3. HAZARDS IDENTIFICATION

The preparation is classified and labeled in accordance with Directive 1999/45/EC

#### Classification

Indication of danger Xn-Harmful.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

### 4. FIRST AID MEASURES

<b>Skin contact</b>	Wash off immediately with plenty of water.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Move to fresh air.
<b>Notes to physician</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Dry chemical
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Use personal protective equipment
<b>Methods for cleaning up</b>	Soak up with inert absorbent material

## 7. HANDLING AND STORAGE

<b>Handling</b>	No special handling advice required
<b>Storage</b>	Keep in property labeled containers

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limits

Chemical Name	EU OEL (TWA)	EU OEL (STEL)	EU Skin Notation
Sodium azide	0.1 mg/m <sup>3</sup> Skin	0.3 mg/m <sup>3</sup>	-

Chemical Name	Austria OEL (MAK)	Belgium (TWA)	Denmark (TWA)	Finland OEL(TWA)
Sodium azide	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	-

Chemical Name	France OEL (VME)	Germany OEL (TWA)	Ireland (TWA)	Italy OEL (TWA)
Sodium azide	-	0.2 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

Chemical Name	Netherlands OEL (MAC)	Spain OEL (TWA)	United Kingdom
Sodium azide	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

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

### Personal protective equipment

<b>Respiratory protection</b>	In case of insufficient ventilation wear suitable respiratory equipment
<b>Hand protection</b>	Impervious gloves
<b>Eye protection</b>	Safety glasses with side-shields
<b>Skin and body protection</b>	Lightweight protective clothing
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice

**Environmental exposure controls**      Prevent product from entering drains

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State**    Liquid

### Important Health Safety and Environment Information

<b>Boiling Point/range</b>	No data available
<b>Melting Point/range</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Flash Point</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Solubility in water</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Materials to avoid</b>	No information available
<b>Hazardous decomposition products</b>	No information available
<b>Polymerization</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Sodium azide	27 mg/kg (Rat)	20 mg/kg (Rabbit)	No data available.

### Principle Routes of Exposure/Potential Health effects

<b>Eyes</b>	No information available
<b>Skin</b>	Harmful in contact with skin.
<b>Inhalation</b>	Harmful by inhalation.
<b>Ingestion</b>	Harmful if swallowed.

### Specific effects

<b>Carcinogenic effects</b>	No information available
<b>Mutagenic effects</b>	No information available
<b>Reproductive toxicity</b>	No information available
<b>Sensitization</b>	No information available
<b>Target Organ Effects</b>	Skin, respiratory system. Gastrointestinal tract (GI).

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity effects</b>	No information available
<b>Mobility</b>	No information available
<b>Biodegradation</b>	No information available
<b>Bioaccumulation</b>	No information available

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

### IATA

<b>Proper shipping name</b>	Not classified as dangerous in the meaning of transport regulations
<b>Hazard Class</b>	No information available
<b>Subsidiary Class</b>	No information available
<b>Packing group</b>	No information available
<b>UN-No</b>	No information available

## 15. REGULATORY INFORMATION

<b>Indication of danger</b>	Xn-Harmful.
<b>R -phrase(s)</b>	No information available R20/21/22-Harmful by inhalation, in contact with skin and if swallowed.
<b>S -phrase(s)</b>	S36-Wear suitable protective clothing S37-Wear suitable gloves.

## International Inventories

Chemical Name	EINECS	ELINCS	PICCS	ENCS
Sodium azide	Listed	-	Listed	Listed

Chemical Name	TSCA	CHINA	AICS	KECL
Sodium azide	Listed	Listed	Listed	Listed

## U.S. Federal Regulations

SARA 313

Not regulated

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

## U.S. State Regulations

Chemical Name	Massachusetts – RTK	New Jersey – RTK	Pennsylvania – RTK	Illinois – RTK	Rhode Island - RTK
Glycerol	Listed	-	Listed	-	Listed

## California Proposition 65

This product contains the following Proposition 65 chemicals:

**WHMIS hazard class:** Not determined

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

## 16. OTHER INFORMATION

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since Aviva Systems Biology Corporation cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

**End of Material Safety Data Sheet**