



Aviva Systems Biology
5754 Pacific Center Blvd., Suite 201,
San Diego, CA 92121, USA
Tel: 858-552-6979 Fax: 858-552-6975
Email: info@avivasysbio.com
www.avivasysbio.com

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification of the Substance/Preparation

Product Number **OKBB00191**
Product Name **Rat IL-6 ELISA Kit (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

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

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment
Methods for cleaning up	Soak up with inert absorbent material

7. HANDLING AND STORAGE

Handling	No special handling advice required
Storage	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 ³ Skin	0.3 mg/m ³	-

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

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

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

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	Impervious gloves
Eye protection	Safety glasses with side-shields
Skin and body protection	Lightweight protective clothing
Hygiene measures	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

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

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Materials to avoid	No information available
Hazardous decomposition products	No information available
Polymerization	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

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

Specific effects

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

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	No information available
Mobility	No information available
Biodegradation	No information available
Bioaccumulation	No information available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA

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

15. REGULATORY INFORMATION

Indication of danger	Xn-Harmful.
R -phrase(s)	No information available R20/21/22-Harmful by inhalation, in contact with skin and if swallowed.
S -phrase(s)	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