



## **MATERIAL SAFETY DATA SHEET**

### **1. PREPARATION AND COMPANY IDENTIFICATION**

1.1 Preparation identification:  
(Stop Solution)  
Sulphuric acid (1832)

Kit identification:  
SeroELISA<sup>TM</sup> Chlamydia IgA (113-01),  
SeroELISA<sup>TM</sup> Chlamydia IgG (111-01),  
SeroELISA<sup>TM</sup> Chlamydia IgM (112-01),  
SeroCT<sup>TM</sup> IgG (181-01),  
SeroCT<sup>TM</sup> IgA (183-01), ),  
SeroCT<sup>TM</sup> RT IgG (1181-01),  
SeroCT<sup>TM</sup> RT IgA (1183-01),  
SeroCP<sup>TM</sup> IgG (191-01),  
SeroCP<sup>TM</sup> IgM (192-01),  
SeroCP<sup>TM</sup> IgA (193-01),  
SeroCP<sup>TM</sup> RT IgG (1191-01),  
SeroCP<sup>TM</sup> RT IgM (1192-01),  
SeroCP<sup>TM</sup> RT IgA (1193-01),  
SeroMP<sup>TM</sup> IgG (261-01),  
SeroMP<sup>TM</sup> IgM (262-01),  
SeroMP<sup>TM</sup> IgA (263-01),  
SeroMP<sup>TM</sup> Recombinant IgG (1261-01),  
SeroMP<sup>TM</sup> Recombinant IgM (1262-01),  
SeroMP<sup>TM</sup> Recombinant IgA (1263-01),  
SeroCP Quant IgG (291-01),  
SeroCP Quant IgA (293-01),  
SeroPertussis<sup>TM</sup> IgG (231-01),  
SeroPertussis<sup>TM</sup> IgA/IgM (233-01),  
SeroPertussis<sup>TM</sup> Toxin IgG (1231-01)  
SeroPertussis<sup>TM</sup> Toxin IgA (1233-01)

1.2 Company identification:

**Savyon Diagnostics Ltd.**  
3 Habosem St., Ashdod, 77610, Israel  
Tel: +972.8.8562920 Fax: +972.8.8523176  
E-mail: [info@savyondiagnosics.com](mailto:info@savyondiagnosics.com)

### **2. COMPOSITION / INGREDIENTS INFORMATION**

Chemical nature of the substance: Sulphuric Acid (H<sub>2</sub>SO<sub>4</sub>)  
CAS number (substance): 7664-93-9  
Classification of the substance: Corrosive - C  
Risk warnings relating to the substance: R-35- Causes severe burns  
Concentration of the substance in the preparation: 2N

***WARNING: the classification and the risk warnings given in point 2, refer to the substance. The same information, referring to the preparation, is given in point 15.***

### **3. IDENTIFICATION OF HAZARDS**

Risks for health/environment:

Risk of eye and skin irritation in the event of contact.



## 4. FIRST AID MEASURES

Contact with skin:	Take off the contaminated clothing. Wash immediately with plenty of water. Call a physician in the event of irritation.
Contact with the eyes:	Wash immediately with plenty of water for at least 15 minutes. Consult a physician.
Ingestion:	Drink a lot of water (suspended charcoal if possible). Hold vomiting if possible. Call a physician immediately.
Inhalation:	No risks are associated with inhalation.

## 5. FIRE PROTECTION

Extinguishing media:	The preparation does not burn. Use CO <sub>2</sub> , not H <sub>2</sub> O.
Exposure risks resulting from the preparation and from the combustion products:	The reaction of sulphuric acid with reducing agents generates heat. With nitrates, picrates, carbides, chlorates, potassium permanganate, powdered metals can cause fire and explosion. With sulphides releases H <sub>2</sub> S, a toxic and flammable gas.

## 6. ACCIDENTAL SPILL AND RELEASE MEASURES

Personal safety measures:	Wear personal protection articles. Avoid contact with skin, eyes and clothes.
Environmental safety measures:	Absorb with inert material.
Cleaning systems:	Neutralize with lime milk or sodium carbonate and rinse with plenty of water.

## 7. HANDLING AND STORAGE

7.1 Handling:	Handle according to good industrial hygiene and safety practices for diagnostic products.
7.2 Storage:	Store in the original containers 2-8°C.

## 8. PERSONAL PROTECTION/EXPOSURE CONTROL

Exposure limits to the substance: TLV-TWA (Threshold limit value - time weighted average):	3mg/m <sup>3</sup>
Personal protection when using the preparation:	
- respiratory:	Not necessary
- hands:	Latex or rubber gloves
- eyes:	Safety glasses
- skin:	Lab coats
- hygiene measures:	General industrial hygiene practices

## 9. PHYSICAL AND CHEMICAL PROPERTIES OF THE PREPARATION

Aspect:	Liquid, colorless
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Smell:	None
pH:	0
Boiling-point/range:	100-330°C
Melting-point/range:	11°C
Fire-point:	NA
Infallibility:	NA
Spontaneous ignition:	NA
Explosive properties:	NA
Burning properties:	NA
Vapor pressure:	No information available
Specific gravity:	1.12
Hydrosolubility:	Entirely hydrosoluble
Liposolubility:	Not liposoluble

NA = not applicable

## 10. STABILITY AND REACTIVITY

Conditions to be avoided:	The preparation is stable under normal Conditions.
Substances to be avoided:	Reducing agents, nitrates, picrates, carbides, chlorates, potassium permanganate, powdered metals.
Dangerous decomposition products:	With sulphides releases H <sub>2</sub> S, a toxic and flammable gas.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity of substance:	LD <sub>50</sub> /oral/on rat = 2140 mgH <sub>2</sub> SO <sub>4</sub> /kg LD <sub>50</sub> /inhalation/2hours/on rat = 510 mgH <sub>2</sub> SO <sub>4</sub> /m <sup>3</sup>
Local effects of substance:	Highly corrosive and necrotizing on tissues. The ingestion generates burns on the upper digestive system and the respiratory tract.
Local effects of preparation:	Irritating to eyes and skin.

## 12. ECOLOGICAL INFORMATION

Use the preparation according to good laboratory practices and avoid dispersion in the environment.

## 13. WASTE DISPOSAL PROCEDURES

The waste produced from utilizing the preparation (rejected products, contaminated containers, etc.) and the unused preparation should be disposed of according to the prevailing regulations and guidelines of the agencies holding jurisdiction over the laboratory, and the regulations of each country.

The disposal of liquid effluents should be carried out according to the existing local laws and to the existing local regulations governing water pollution.



## 14. SHIPMENT INFORMATION

14.1 UN-Number  
ADR, IMDG, IATA UN2796

14.2. UN proper shipping name  
ADR 2796 SULPHURIC ACID  
IMDG, IATA SULPHURIC ACID

14.3 Transport hazard class(es)  
ADR, IMDG, IATA



Class 8 Corrosive substances  
Label 8

14.4 Packing group  
ADR, IMDG IATA II

14.5 Environmental hazards:  
Marine pollutant: No

14.6 Special precautions for user Warning: Corrosive substances.  
Danger code (Kemler): 80  
EMS Number: F-A,S-B  
Segregation groups Acids

14.7 Transport in bulk according to Annex II  
of MARPOL73/78 and the IBC Code Not applicable

Transport/Additional information:

ADR  
Limited quantities (LQ) 1L  
Transport category 2  
Tunnel restriction code E

Information concerning shipment of the preparation according to:  
ADR - Accord European: September 30th 1957 - modified January 1st 1990  
IATA Dangerous Goods Regulations

## 15. REGULATORY INFORMATION

The preparation is classified and labeled according to:  
EEC Directive 88/379  
Symbol:

Xi - irritant



“R” sentences:  
“S” sentences:

R 36/38 - Irritating to eyes and skin.  
S 26 - In case of contact with eyes, rinse  
immediately with plenty of water and seek  
medical advice.



**savyonDIAGNOSTICS**

*member of the gamida diagnostics division*

## **16. OTHER INFORMATION**

-This safety sheet has been drafted according to the following regulation:

CLASSIFICATION AND RULES FOR PACKAGING AND LABELING OF DANGEROUS PREPARATIONS ACCORDING TO THE DIRECTIVES ISSUED BY THE COUNCIL AND COMMISSION OF THE EUROPEAN COMMUNITIES, ACCORDING TO THE ARTICLE 38 OF THE LAW NO 128 OF APRIL 24, 1988.

- The information relating to the substance refers to the substance safety sheet supplied by the Manufacturer.

- The purpose of this safety sheet is to ensure correct and safe use, storage, shipment and disposal of the preparation. All included information is based on our knowledge of the preparation at the date of issue of this sheet.

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