

Micro tube 1000µl ESAT / 20µl

Revision date: 22.11.2018

Art. no. 41.1443.904

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Micro tube 1000µl ESAT / 20µl

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

For glucose determination.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name:	SARSTEDT AG & Co. KG	
Street:	Sarstedtstraße 1	
Place:	D-51588 Nümbrecht	
Post-office box:	1220	
	D-51582 Nümbrecht	
Telephone:	+49 (0)2293 / 305 - 0	Telefax: +49 (0)2293 / 305 - 2470
e-mail:	info@sarstedt.com	
Contact person:	Dr. Daniel Will	Telephone: +49 (0)2293 / 305 - 4500
	Jochen Hoffmann	
e-mail:	sicherheitsdatenblatt@sarstedt.com	
Internet:	www.sarstedt.com	
Responsible Department:	R & D Center	

Supplier

Company name:	SARSTEDT Ltd.	
Street:	Optimus Way, Optimus Point	
Place:	GB-LE3 8JR Leicester	
Telephone:	+44 (0) 116 235 9023	Telefax: +44 (0) 116 236 6099
e-mail:	info.gb@sarstedt.com	
Internet:	www.sarstedt.com	

1.4. Emergency telephone number:

Call NHS 111 or a doctor (public). NPIS: 0344 892 0111 (healthcare professionals).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Additional advice on labelling

none

2.3. Other hazards

none

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

A micro tube contains 1000 µl ESAT solution.
Aqueous solution.

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. Get medical advice/attention if you feel unwell.

After contact with skin

Wash with plenty of water. Change contaminated clothing. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After ingestion

Rinse mouth immediately and drink plenty of water. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

The usual precautions are to be adhered to when handling chemicals. Do not breathe vapour/aerosol.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See also section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

The usual precautions are to be adhered to when handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store at room temperature. Store in a dry place. Keep container tightly closed.

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7.3. Specific end use(s)

For glucose determination.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Protective and hygiene measures

Change contaminated clothing. Protect skin by using skin protective cream. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Skin protection

Personal protective equipment is to be chosen depending on concentration and quantity of the hazardous materials and in consideration of the workplace. The chemical resistance of the protective equipment shall be clarified with the supplier.

Respiratory protection

Required in case of formation of vapours/aerosols.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	odourless
pH-Value:	7,10 - 7,40

Changes in the physical state

Melting point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Sublimation point:	No data available
Flash point:	No data available

Flammability

Solid/liquid:	No data available
Gas:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available

Self-ignition temperature

Solid:	No data available
Gas:	No data available
Decomposition temperature:	No data available

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Oxidizing properties

No data available

Vapour pressure:

No data available

Density:

1,000 g/cm³

Water solubility:

completely miscible

Solubility in other solvents

There are no data available on the mixture itself.

Partition coefficient n-octanol/water:

No data available

Relative vapour density:

No data available

Evaporation rate:

No data available

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

Further information

No hazardous reaction when handled and stored according to provisions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

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Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.7. Other adverse effects

No data available

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste as unused product according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

none

14.7. Maritime transport in bulk according to IMO instruments

The mixture is not intended for bulk haulage.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

