

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 25.06.2015

Version: 6

Revision: 25.06.2015

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

- **1.1 Product identifier**
- **Trade name:** *SERODIA-TP.PA, Sample Diluent*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
Not to be used for any purpose other than those mentioned below.
- **Application of the substance / the preparation:** *Laboratory use. For product use see insert.*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Fujirebio INC.
2-1-1 Nishishinjuku, Shinjuku-ku, Tokyo 163-0410, Japan
Tel: +81-3-6279-0899 Fax: +81-3-6279-0299
E-mail: fri-info@fujirebio.co.jp
- **Further information obtainable from:**
European Representative :
Fujirebio Europe N.V.
Tel: +32-9-329.13.29
Fax: +32-9-329.19.11
E-mail: hse@fujirebio-europe.com
- **1.4 Emergency telephone number:**
FUJIREBIO INC. (Japan) Global Sales Department
Tel: +81-3-6279-0899
Mon - Fri 9:00am to 5:30pm (JST)
FUJIREBIO EUROPE
Technologiepark 6, 9052 Gent, Belgium
Tel: +32-9-329-13-29
Mon - Fri 9:00am to 5:30pm

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Additional information:**
EUH032 Contact with acids liberates very toxic gas.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** *Preparation*

Dangerous components:

CAS: 26628-22-8	sodium azide	≤0.1%
EINECS: 247-852-1	⚠ Acute Tox. 2, H300; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.

(Contd. on page 2)

Safety data sheet

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(Contd. of page 1)

If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** *Do not induce vomiting; call for medical help immediately.*

· **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

* **SECTION 5: Firefighting measures**

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO2, powder or water spray. Fight larger fires with water spray.

Use fire extinguishing methods suitable to surrounding conditions.

· **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*

· **5.3 Advice for firefighters**

· **Protective equipment:**

No special measures required.

Put respiratory mask on.

* **SECTION 6: Accidental release measures**

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

See section 8 (Measurements for the control of exposure / personal protection).

· **6.2 Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*

· **6.3 Methods and material for containment and cleaning up:**

Absorb liquid components with liquid-binding material.

Remove contaminated material according to item 13.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* **SECTION 7: Handling and storage**

· **7.1 Precautions for safe handling** *No special precautions are necessary if used correctly.*

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in a dry and well-ventilated area in the closed original packaging.

· **Information about storage in one common storage facility:**

Do not store together with acids.

At contact with acids, highly poisonous gases can be produced.

· **Further information about storage conditions:**

Respect the expiry date and the additional instruction given in the package insert.

· **7.3 Specific end use(s)** *Laboratory use.*

* **SECTION 8: Exposure controls/personal protection**

· **Additional information about design of technical facilities:** *No further data; see item 7.*

(Contd. on page 3)

Safety data sheet

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Revision: 25.06.2015

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(Contd. of page 2)

· 8.1 Control parameters**· Ingredients with limit values that require monitoring at the workplace:****26628-22-8 sodium azide**

WEL	Short-term value: 0.3 mg/m ³ Long-term value: 0.1 mg/m ³ (as NaN ₃), Sk
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· 8.2 Exposure controls**· Personal protective equipment:****· General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

· Respiratory protection: Not necessary if room is well-ventilated.**· Protection of hands:**

Wear protective gloves in order to be protected against chemical risks according to EN 420 and EN 374-1.

· Material of gloves: Gloves made of latex, nitrile or PVC may be used.**· Penetration time of glove material:**

As the product is a preparation consisting of different substances, no specific information can be given about breakthrough times.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:

Wear safety glasses in order to protect your eyes against chemical splashes according to EN 166.

· Body protection:

Wear a laboratory coat for your protection against chemical splashes according to EN 340 and EN 369.

· Limitation and supervision of exposure into the environment

Comply with the current local and national environmental regulations.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties**· General Information****· Appearance:**

Form:	Liquid
Colour:	Yellowish
Odour:	Odourless
Odour threshold:	Not determined.

· pH-value: 6.7-7.3

· Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

· Flash point: Not applicable.

· Flammability (solid, gaseous): Product is not flammable.

· Ignition temperature:

Decomposition temperature: Not determined.

· Self-igniting: Not determined.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapour pressure: Not determined.

(Contd. on page 4)

Safety data sheet
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(Contd. of page 3)

· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Soluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solids content:	0.1 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**
Production of highly poisonous gases/vapours in contact with acids.
Reacts with various metals.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Production of explosive azides in contact with lead, copper and zinc.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity**
- | | | |
|--|------|-------------------|
| · LD/LC50 values relevant for classification: | | |
| 26628-22-8 sodium azide | | |
| Oral | LD50 | 27 mg/kg (rat) |
| Dermal | LD50 | 20 mg/kg (rabbit) |
- **Primary irritant effect:**
 - **Skin corrosion/irritation** No irritant effect.
 - **Serious eye damage/irritation** No irritating effect.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:**
- | | | |
|--------------------------------|-----------|--|
| 26628-22-8 sodium azide | | |
| Oral | LC50/96 h | 0.7 mg/l (<i>L. macrochirus</i>) |
| | | 0.8 mg/l (<i>Onchorhynchus mykiss</i>) |
- **12.2 Persistence and degradability** No further relevant information available.
 - **12.3 Bioaccumulative potential** No further relevant information available.
 - **12.4 Mobility in soil** No further relevant information available.
 - **Additional ecological information:**
 - **General notes:**
Avoid transfer into the environment.

(Contd. on page 5)

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(Contd. of page 4)

- The product contains materials that are harmful to the environment.*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Dispose of contents in accordance with local / regional/ national/ international regulations.
- **Uncleaned packaging:**
- **Recommendation:** *Dispose of container in accordance with local/regional/national/international regulations.*

SECTION 14: Transport information

- **14.1 UN-Number** -
- **ADR, ADN, IMDG, IATA** -
- **14.2 UN proper shipping name**
- **ADR** -
- **ADN, IMDG, IATA** -
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** -
- **14.4 Packing group**
- **ADR, IMDG, IATA** -
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The data indicated in these documents is provided in good faith and according to the current state of our knowledge. We will accept no liability for the consequences if the product is used for applications different to that intended. It is the responsibility of the consumer to ensure that all regulations concerning protection of human beings and environment are complied with during the handling, storage and use of the products.

(Contd. on page 6)

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(Contd. of page 5)

· Relevant phrases*H300 Fatal if swallowed.**H400 Very toxic to aquatic life.**H410 Very toxic to aquatic life with long lasting effects.***· Remarks:** *The limit values in section 8 are only valid for Great Britain.***· Abbreviations and acronyms:***ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**Acute Tox. 2: Acute toxicity, Hazard Category 2**Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1***· * Data compared to the previous version altered.**

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