Manufacturer / Supplier:

Fujirebio INC.

2-1-1 Nishishinjuku, Shinjuku-ku Tokyo 163-0410, Japan Tel: +81-3-6279-0899 Fax: +81-3-6279-0299



European Representative :

Fujirebio Europe N.V. *Technologiepark 6*

Technologiepark 6 B-9052 Gent - BELGIUM Tel: +32-9-329.13.29 Fax: +32-9-329.19.11 www.fujirebio-europe.com

31.03.2016

Reference No.Description

207727	SERODIA-MYCO II

Components:

Article description	Datasheet version
SAMPLE DILUENT	7
SENSITIZED PARTICLES	7
UNSENSITIZED PARTICLES	7
POSITIVE CONTROL	7

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

SECTION 1: Identification of the substance/mixture and of the company/undertakin	g
· 1.1 Product identifier	
 Trade name: <u>SERODIA-MYCO II, SAMPLE DILUENT</u> 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:

Does not contain any dangerous substance within the sense of Regulation (EC) No. 1272/2008 in a separate concentration above or aqual to 1 percent by weight.

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.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

(Contd. of page 1)

Trade name: SERODIA-MYCO II, SAMPLE DILUENT

- 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.

SECTION 6: Accidental release measures

- \cdot 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: No special measures required.
- 6.3 Methods and material for containment and cleaning up: No special measures required.
- · 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.

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

(Contd. on page 3)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SAMPLE DILUENT

(Contd. of page 2)
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 trough 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:

General Information		
Appearance:		
Form:	Liquid	
Colour:	Light yellow	
· Odour:	Odourless	
• Odour threshold:	Not determined.	
· pH-value:	6.4-7.0	
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.	
Density:	Not determined.	
Relative density	Not determined.	
Vapour density	Not determined.	
Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
water:	Soluble.	
	(Contd. on	page

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SAMPLE DILUENT

	(Contd. of page 3)
l/water): Not determined.	
Not determined.	
Not determined.	
0.1 %	
No further relevant information available.	
	Not determined. 0.1 %

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 Based on available data, the classification criteria are not met.
- · LD/LC50 values relevant for classification: No data available for this product.
- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- *Reproductive toxicity 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.

SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No data available for this product.
- · 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:
- Generally not hazardous for water
- 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.

(Contd. on page 5)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SAMPLE DILUENT

(Contd. of page 4)

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 Marpol 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: Generally not 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.

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 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

(Contd. on page 6)

GB

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SAMPLE DILUENT

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

• * Data compared to the previous version altered.

(Contd. of page 5)

GB

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking
· 1.1 Product identifier
• Trade name: <u>SERODIA-MYCO II, SENSITIZED PARTICLES</u> • 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:

Does not contain any dangerous substance within the sense of Regulation (EC) No. 1272/2008 in a separate concentration above or aqual to 1 percent by weight.

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.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

(Contd. of page 1)

Trade name: SERODIA-MYCO II, SENSITIZED PARTICLES

· 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.

SECTION 6: Accidental release measures

 \cdot 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: No special measures required.
- 6.3 Methods and material for containment and cleaning up: No special measures required.
- · 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.

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

(Contd. on page 3)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SENSITIZED PARTICLES

(Contd. of page 2)	
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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.	

· Eye protection:

2

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

General Information Appearance:		
Form:	Lyophilized	
Colour:	Violet	
Odour:	Odourless	
Odour threshold:	Not determined.	
pH-value:	6.6-7.2	
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.	
Density:	Not determined.	
Relative density	Not determined.	
Vapour density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with		
water:	Soluble.	

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SENSITIZED PARTICLES

		(Contd. of page 2
· Partition coefficient (n-octano	/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 Based on available data, the classification criteria are not met.
- · LD/LC50 values relevant for classification: No data available for this product.
- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity 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.

SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No data available for this product.
- · 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:
- Generally not hazardous for water
- 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.

(Contd. on page 5)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SENSITIZED PARTICLES

(Contd. of page 4)

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 Marpol 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: Generally not 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.

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 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

(Contd. on page 6)

GB

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, SENSITIZED PARTICLES

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

 \cdot * Data compared to the previous version altered.

(Contd. of page 5)

GB

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

SECTION 1: Identification of the substance/mixture and of the company/underta	iking
1.1 Product identifier	
Trade name: SERODIA-MYCO II, UNSENSITIZED PARTICLES1.2 Relevant identified uses of the substance or mixture and uses advised againstNot 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 EUROPETechnologiepark 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:

Does not contain any dangerous substance within the sense of Regulation (EC) No. 1272/2008 in a separate concentration above or aqual to 1 percent by weight.

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.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

(Contd. of page 1)

Trade name: SERODIA-MYCO II, UNSENSITIZED PARTICLES

· 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.

SECTION 6: Accidental release measures

 \cdot 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: No special measures required.

• 6.3 Methods and material for containment and cleaning up: No special measures required.

· 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.

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

(Contd. on page 3)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, UNSENSITIZED PARTICLES

(Contd. of page 2)

· 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 slove material:

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 trough 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: Physica	l and chemi	cal properties
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General Information Appearance:		
Form:	Lyophilized	
Colour:	Violet	
Odour:	Odourless	
Odour threshold:	Not determined.	
pH-value:	6.0-7.2	
_	after reconstitution	
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.	
Density:	Not determined.	
Relative density	Not determined.	
Vapour density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with		
water:	Soluble.	

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, UNSENSITIZED PARTICLES

		(Contd. of page 3
· Partition coefficient (n-octano	//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 Based on available data, the classification criteria are not met.
- · LD/LC50 values relevant for classification: No data available for this product.
- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity 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.

SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No data available for this product.
- · 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:
- Generally not hazardous for water
- 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.

(Contd. on page 5)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, UNSENSITIZED PARTICLES

(Contd. of page 4)

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 Marpol and the IBC Code	of 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: Generally not 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.

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 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

(Contd. on page 6)

GB

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, UNSENSITIZED PARTICLES

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

 \cdot * Data compared to the previous version altered.

(Contd. of page 5)

GB

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

SECTION 1: Identification of the substance/mixture and of the company/undertak	ing
· 1.1 Product identifier	
 Trade name: <u>SERODIA-MYCO II, POSITIVE CONTROL</u> 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:

Does not contain any dangerous substance within the sense of Regulation (EC) No. 1272/2008 in a separate concentration above or aqual to 1 percent by weight.

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.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

(Contd. of page 1)

Trade name: SERODIA-MYCO II, POSITIVE CONTROL

- 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.
- \cdot 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.

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
- See section 8 (Measurements for the control of exposure / personal protection).
- 6.2 Environmental precautions: No special measures required.
- 6.3 Methods and material for containment and cleaning up: No special measures required.
- · 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.

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

(Contd. on page 3)

Printing date: 18.12.2015

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Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, POSITIVE CONTROL

	(Contd. of page 2)
· 8.2 Exposure controls	
· Personal protective equipment:	
General protective and hygienic me	easures:
The usual precautionary measures a	are to be adhered to when handling chemicals.
Respiratory protection: Not necessa	try if room is well-ventilated.
Protection of hands:	
Wear protective gloves in order to b	pe 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 con	sisting of different substances, no specific information can be given about
breakthrough times.	
•	be found out by the manufacturer of the protective gloves and has to be
observed.	
• Eye protection:	
	ect your eyes against chemical splashes according to EN 166.
Body protection:	
	otection against chemical splashes according to EN 340 and EN 369.
· Limitation and supervision of expo	
Comply with the current local and m	national environmental regulations.
SECTION 9: Physical and ch	nemical properties
0.1 Laforna etian an haris a haris a l	
• 9.1 Information on basic physical a	ina cnemicai properties
• General Information • Appearance:	
Form:	Liquid
Colour: • Odour:	Light yellow Odourless
• Oaour: • Odour threshold:	Not determined.
· Oaour inresnoia:	
· pH-value:	6.5-7.1
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

Odour threshold:	Not determined.	
pH-value:	6.5-7.1	
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.	
Density:	Not determined.	
Relative density	Not determined.	
Vapour density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with		
water:	Soluble.	
		(Contd. on page

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, POSITIVE CONTROL

		(Contd. of page 2
· Partition coefficient (n-octano	//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.
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- 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 Based on available data, the classification criteria are not met.
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- · Primary irritant effect:
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- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
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- · Carcinogenicity Based on available data, the classification criteria are not met.
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- 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.

SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No data available for this product.
- · 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:
- Generally not hazardous for water
- 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.

(Contd. on page 5)

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, POSITIVE CONTROL

(Contd. of page 4)

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 Marpol 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: Generally not 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.

Abbreviations and acronyms:
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 IMDG: International Maritime Code for Dangerous Goods
 IATA: 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

(Contd. on page 6)

GB

Printing date: 18.12.2015

Version: 7

Revision: 18.12.2015

Trade name: SERODIA-MYCO II, POSITIVE CONTROL

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

• * Data compared to the previous version altered.

(Contd. of page 5)

GB