

Product code	Description		
CSI087238	S. Paratyphi C antigem H - Plate Test		
Components:	, ,,		
392511	Sospensione S. Paratyphi C antigen H		
392073	Tampone PBS pH 7.2		



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## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 03.04.2024

Version number 1

Revision: 03.04.2024

# 1 Identification of the substance/mixture and of the company/ undertaking

- · 1.1 Diagnostic Reagent
- · Trade name: Sospensione S. Paratyphi C antigen H
- · Article number: 392511
- · CAS Number:

7732-18-5

· EC number:

231-791-2

- **UFI:** C111-Q0X1-K00K-DN9S
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant Identified Uses: For laboratory use only Uses advised against: Uses other than those recommended

- · Application of the substance / the mixture Diagnostic reagent
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Sclavo Diagnostics International Via Po 26-28, Loc. Pian dei Mori CAP: 53018 - SOVICILLE - (SI)

ITALY

- · Further information obtainable from: Product safety department.
- 1.4 Emergency telephone number: +39 0577 390 444 / 445

#### 2 Hazards identification

- 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008 The substance is not classified, according to the CLP regulation.
- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

## 3 Composition/information on ingredients

- · 3.1 Substances
- · CAS No. Description

7732-18-5 water, distilled, conductivity or of similar purity

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Printing date 03.04.2024 Version number 1 Revision: 03.04.2024

Trade name: Sospensione S. Paratyphi C antigen H

(Contd. of page 1)

· Identification number(s)

• **EC** number: 231-791-2

## 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: Generally the product does not irritate the skin.
- · After eye contact:

Rinse opened eye for several minutes under running water.

- · After swallowing: If symptoms persist consult doctor.
- 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

No further relevant information available.

#### 5 Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

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.

#### 6 Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Not required.
- · 6.2 Environmental precautions: Dilute with plenty of water.
- · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· 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.

# 7 Handling and storage

- · 7.1 Precautions for safe handling No special measures required.
- · Information about fire and explosion protection:
  No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:
  No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.

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Printing date 03.04.2024 Version number 1 Revision: 03.04.2024

Trade name: Sospensione S. Paratyphi C antigen H

(Contd. of page 2)

· 7.3 Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:
  Not required.
- · Additional information:

The lists valid during the making were used as basis.

- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

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

- · Respiratory protection: Not required.
- · Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material

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

 $\cdot$  Eye/face protection  ${\it Goggles}$  recommended during refilling

## 9 Physical and chemical properties

- $\cdot$  9.1 Information on basic physical and chemical properties
- · General Information

Physical state
Colour:
Odour:
Odour threshold:
Fluid
Colourless
Odourless
Not determined.

• Melting point/freezing point: 0 °C

· Boiling point or initial boiling

· Flammability Not applicable.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Decomposition temperature: Not determined.
pH Not determined.

· Viscosity:

Kinematic viscosity
 Dynamic at 20 °C:
 Not determined.
 0.952 mPas

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Printing date 03.04.2024 Version number 1 Revision: 03.04.2024

Trade name: Sospensione S. Paratyphi C antigen H

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	(Contd. of page
· Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/	•
water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa (7732-18-5 water, distilled,
-	conductivity or of similar purity)
Density and/or relative density	1 1,
Density at 20 °C:	1 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Fluid
Important information on	riuiu
<del>-</del>	
<pre>protection of health and environment, and on safety.</pre>	
	Not dotormined
Ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion
Solvent content:	hazard.
	00 0 0
Water:	98.9 %
VOC (EC)	0.00 %
Solids content:	0.9 %
Molecular weight	18.02 g/mol
Change in condition	
Evaporation rate	Not determined.
Information with regard to	
physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and	
mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and	. 0 2 4
mixtures	Void
Substances and mixtures, which	VOLG
•	
emit flammable cases in contact	
emit flammable gases in contact	Wai d
with water	Void
with water Oxidising liquids	Void
with water Oxidising liquids Oxidising solids	Void Void
with water Oxidising liquids Oxidising solids Organic peroxides	Void Void Void
with water Oxidising liquids Oxidising solids	Void Void

# 10 Stability and reactivity

· 10.1 Reactivity No further relevant information available.

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Printing date 03.04.2024 Version number 1 Revision: 03.04.2024

Trade name: Sospensione S. Paratyphi C antigen H

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- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

No dangerous decomposition products known.

#### 11 Toxicological information

- $\cdot$  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.

· 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.

· 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.

- · 11.2 Information on other hazards
- · Endocrine disrupting properties

The product contains substances, which affect the thyroid system and other hormonal systems.

None of the ingredients is listed.

#### 12 Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 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.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

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Printing date 03.04.2024 Version number 1 Revision: 03.04.2024

Trade name: Sospensione S. Paratyphi C antigen H

(Contd. of page 5)

- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes: Not hazardous for water.

#### 13 Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Smaller quantities can be disposed of with household waste.

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

· Recommended cleansing agents:

Water, if necessary together with cleansing agents.

#### 14 Transport information

14 1	TTN	number	or	תד	number
<b>44. 4</b>	OIA	number	$O_{\perp}$	$_{LD}$	пшшет

· ADR, IMDG, IATA not regulated

· 14.2 UN proper shipping name

· ADR, IMDG, IATA not regulated

· 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA

· Class not regulated

· 14.4 Packing group

· ADR, IMDG, IATA not regulated

• 14.5 Environmental hazards: Not applicable.

· 14.6 Special precautions for user Not applicable.

· 14.7 Maritime transport in bulk

according to IMO instruments
Not applicable.

· UN "Model Regulation": not regulated

## 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 Substance is not listed.
- · DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

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Printing date 03.04.2024 Version number 1 Revision: 03.04.2024

Trade name: Sospensione S. Paratyphi C antigen H

(Contd. of page 6)

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

#### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Product safety department.
- · Contact:
- · Date of previous version: 02.04.2024
- Abbreviations and acronyms:

ADR: Accord relatif au transport international 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

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· \* Data compared to the previous version altered.

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## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 03.04.2024

Version number 1

Revision: 13.12.2023

# 1 Identification of the substance/mixture and of the company/ undertaking

· 1.1 Diagnostic Reagent

· Trade name: Tampone PBS pH 7.2

· Article number: 392073

· CAS Number:

7732-18-5

· EC number:

231-791-2

- **UFI:** U5W0-X0V5-T00A-M92V
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant Identified Uses: For laboratory use only Uses advised against: Uses other than those recommended

- · Application of the substance / the mixture Diagnostic reagent
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Sclavo Diagnostics International Via Po 26-28, Loc. Pian dei Mori CAP: 53018 - SOVICILLE - (SI)

ITALY

- · Further information obtainable from: Product safety department.
- 1.4 Emergency telephone number: +39 0577 390 444 / 445

#### 2 Hazards identification

- 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008 The substance is not classified, according to the CLP regulation.
- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- · 3.1 Substances
- · CAS No. Description

7732-18-5 water, distilled, conductivity or of similar purity

(Contd. on page 2)

Printing date 03.04.2024 Version number 1 Revision: 13.12.2023

Trade name: Tampone PBS pH 7.2

(Contd. of page 1)

· Identification number(s)

• **EC** number: 231-791-2

## 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: Generally the product does not irritate the skin.
- · After eye contact:

Rinse opened eye for several minutes under running water.

- · After swallowing: If symptoms persist consult doctor.
- 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.

#### 5 Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

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.

#### 6 Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Not required.
- · 6.2 Environmental precautions: Dilute with plenty of water.
- · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· 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.

# 7 Handling and storage

- · 7.1 Precautions for safe handling No special measures required.
- · Information about fire and explosion protection:
  No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:
  No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.

(Contd. on page 3)

Printing date 03.04.2024 Version number 1 Revision: 13.12.2023

Trade name: Tampone PBS pH 7.2

(Contd. of page 2)

· 7.3 Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:
  Not required.
- · Additional information:

The lists valid during the making were used as basis.

- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

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

- · Respiratory protection: Not required.
- · Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material

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

 $\cdot$  Eye/face protection Goggles recommended during refilling

## 9 Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- · General Information

Physical state
Colour:
Odour:
Odourless
Odour threshold:
Not determined.

• Melting point/freezing point: 0 °C

· Boiling point or initial boiling

· Flammability Not applicable.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.
Decomposition temperature: Not determined.
pH Not determined.

· Viscosity:

Kinematic viscosity
 Dynamic at 20 °C:
 Not determined.
 0.952 mPas

(Contd. on page 4)

Printing date 03.04.2024 Version number 1 Revision: 13.12.2023

Trade name: Tampone PBS pH 7.2

(Contd. of page 3) · Solubility · water: Fully miscible. · Partition coefficient n-octanol/ water (log value) Not determined. · Vapour pressure at 20 °C: 23 hPa (7732-18-5 water, distilled, conductivity or of similar purity) · Density and/or relative density · Density at 20 °C:  $1 g/cm^3$ · Relative density Not determined. · Vapour density Not determined. · 9.2 Other information · Appearance: · Form: Fluid · Important information on protection of health and environment, and on safety. · Ignition temperature: Not determined. · Explosive properties: Product does not present an explosion hazard. · Solvent content: · Water: 98.9 % · VOC (EC) 0.00 % · Solids content: 0.9 % · Molecular weight 18.02 g/mol · Change in condition · Evaporation rate Not determined. · Information with regard to physical hazard classes · Explosives Void · Flammable gases Void · Aerosols Void · Oxidising gases Void · Gases under pressure Void · Flammable liquids Void · Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void  $\cdot$  Self-heating substances and mixtures Void · Substances and mixtures, which emit flammable gases in contact with water Void · Oxidising liquids Void · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives Void

## 10 Stability and reactivity

· 10.1 Reactivity No further relevant information available.

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Printing date 03.04.2024 Version number 1 Revision: 13.12.2023

Trade name: Tampone PBS pH 7.2

(Contd. of page 4)

- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- $\cdot$  10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

No dangerous decomposition products known.

#### 11 Toxicological information

- $\cdot$  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.

· 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.

· 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.

- · 11.2 Information on other hazards
- · Endocrine disrupting properties

The product contains substances, which affect the thyroid system and other hormonal systems.

None of the ingredients is listed.

#### 12 Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 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.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

(Contd. on page 6)

Printing date 03.04.2024 Version number 1 Revision: 13.12.2023

Trade name: Tampone PBS pH 7.2

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- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes: Not hazardous for water.

#### 13 Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Smaller quantities can be disposed of with household waste.

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

· Recommended cleansing agents:

Water, if necessary together with cleansing agents.

## 14 Transport information

•	14.1	UN nun	mber or	ID	number	
	A DD	TMDC	$T \Lambda T \Lambda$			

· ADR, IMDG, IATA not regulated

· 14.2 UN proper shipping name

· ADR, IMDG, IATA

not regulated

not regulated

- · 14.3 Transport hazard class(es)
- · ADR, ADN, IMDG, IATA
- · Class not regulated
- · 14.4 Packing group
- · ADR, IMDG, IATA
- 14.5 Environmental hazards: Not applicable.
- · 14.6 Special precautions for user Not applicable.
- · 14.7 Maritime transport in bulk

according to IMO instruments

Not applicable.

· UN "Model Regulation":

not regulated

## 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 Substance is not listed.
- · DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

(Contd. on page 7)

Printing date 03.04.2024 Version number 1 Revision: 13.12.2023

Trade name: Tampone PBS pH 7.2

(Contd. of page 6)

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

#### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Product safety department.
- · Contact:
- Abbreviations and acronyms:

ADR: Accord relatif au transport international 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

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative