SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

Revision: 2 / Revision Date: 12.02.2021

### ENGLISH

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifiers

Product name: Salmonella Latex Kit Product Number: 96151

**1.2 Identified uses of the relevant substance or mixture and uses advised against** Identified uses relevant: Professional uses, Health services, scientific research and development

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Liofilchem<sup>®</sup> Address: Via Scozia 64026 - Roseto degli Abruzzi (TE) Telephone number: 085/8930745 Fax number: 085/8930330 E-mail address: liofilchem@liofilchem.com **1.4 Emergency telephone number** 

+39 02-66101029 (Centro Antiveleni Niguarda Cà Granda - Milano).

This is a summary MSDS for a kit, for the full MSDS for each of the components refer to section 16.

#### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class in accordance to Regulation (EC) No. 1272/2008. concerning the classification, labelling and packaging of substances and mixtures.

#### 2.2 Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

#### 2.3 Other hazards - none

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Refer to component MSDS

#### 4. FIRST AID MEASURES

Refer to component MSDS

#### 5. FIRE-FIGHTING MEASURES

Refer to component MSDS

#### 6. ACCIDENTAL RELEASE MEASURES

Refer to component MSDS

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with eyes and skin. Do not eat, drink or smoke in work areas, wash hands after use; and remove contaminated clothing and protective equipment before entering areas where you eat.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature, see the product label.

#### 7.3 Specific end uses

Apart from the uses described in section 1.2 are not covered other specific uses.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to component MSDS

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to component MSDS

#### **10. STABILITY AND REACTIVITY**

Refer to component MSDS

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Revision: 2 / Revision Date: 12.02.2021

11. TOXICOLOGICAL INFORMATION			
Refer to component MSDS			
12. ECOLOGICAL INFORMATION	ON		
Refer to component MSDS			
13. DISPOSAL CONSIDERATIO	ONS		
Refer to component MSDS			
14. INFORMAZIONI SUL TRAS	PORTO		
14.1 UN number ADR/RID: -	IMDG: -	IATA: -	
<b>14.2 UN proper shipping name</b> ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods	e		
14.3 Transport hazard class(e ADR/RID: -	s) IMDG: -	IATA: -	
<b>14.4 Packaging group</b> ADR/RID: -	IMDG: -	IATA: -	
<b>14.5 Environmental hazards</b> ADR/RID: no	IMDG: no	IATA: no	
14.6 Special precautions for user no data available			

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

#### **15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of European Parliament and of the Council Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Commission Regulation (EU) No. 453/2010 amending Commission Regulation (EC) No. 1907/2006.

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

The product is classified, coded and labeled in accordance with EU Regulation on Hazardous Materials.

#### 15.2 Chemical Safety Assessment

This product has not been made a chemical safety assessment.

16. OTHER INFORMATION				
Kit Compor 096151A	ents: Salmonella Latex Reagent	Not Dangerous		
096151B	Salmonella Positive Control	Not Dangerous		
Abbreviations and acronyms				

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CLP: Regulation concerning the classification, labelling and packaging of substances and mixtures, Regulation (EC) No. 1272/2008.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

CL50: Middle lethal concentration of individuals in essay

DL50: The median lethal dose that causes death in 50% of individuals in essay

PBT: Persistent, bioaccumulative and toxic substance

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Regulation (EC) No. 1907/2006

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

vPvB: Very persistent and very bioaccumulative substance



Revision: 2 / Revision Date: 12.02.2021

#### **Training advice**

The product must be used by qualified personnel. It is recommended to provide basic training with regard to safety and health at work to ensure proper handling of the product.

#### **Further information**

This sheet replaces any previous edition.

The information in this document is based on the present state of our knowledge. The user must ensure the accuracy and completeness of such information in relation to the specific use intended.

Liofilchem® shall not be held liable for any damage resulting from handling or from contact with the above product. See www.liofilchem.com for additional terms and conditions of sale.

Previous date: 03.12.2015 Revision date: 12.02.2021 Revision Number: rev. 2

#### SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

Revision: 2 / Revision Date: 12.02.2021

### ENGLISH

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### **1.1 Product identifiers**

Product name: Salmonella Latex Reagent Product Number: 096151A

#### **1.2 Identified uses of the relevant substance or mixture and uses advised against** Identified uses relevant: Professional uses, Health services, scientific research and development

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Liofilchem<sup>®</sup> Address: Via Scozia 64026 - Roseto degli Abruzzi (TE) Telephone number: 085/8930745 Fax number: 085/8930330 E-mail address: liofilchem@liofilchem.com **1.4 Emergency telephone number** 

+39 02-66101029 (Centro Antiveleni Niguarda Cà Granda - Milano).

#### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class in accordance to Regulation (EC) No. 1272/2008. concerning the classification, labelling and packaging of substances and mixtures.

#### 2.2 Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

#### 2.3 Other hazards - none

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

#### Hazardous substances

CAS n°	EC n°	Index n°	Registration number REACH	Concentration	Classification Regulation 1272/2008	according (EC) No
Sodium azide	Sodium azide					
26628-22-8	247-852-1	011-004-00-7	-	0.099 %	Acute Tox. 2; A 1; Aquatic Chro H410, EUH032	onic 1; H300,

#### Additional Information:

For the full text of H codes and R phrases mentioned in this section, see section 16

#### **4. FIRST AID MEASURES**

#### 4.1 Description of first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air.

In case of skin contact: wash skin immediately with soap and water.

In case of eye contact: wash out eyes with plenty of water with.

If swallowed: wash mouth with water. Do not swallow mouth wash. Seek medical advice.

#### 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

#### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media: Use dry sand cement, special powder for metal fires. Do not use water and foam.

#### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapours. None under normal usage conditions.

#### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

Revision: 2 / Revision Date: 12.02.2021

#### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

#### 6.3 Metodi e materiali per il contenimento e per la bonifica

Absorb with dry earth, sand or other non combustible material. Properly disinfect any spills. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For information on safe handling, see Chapter 7.

For information on personal protection equipment see Chapter 8.

For disposal information see Chapter 13.

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with eyes and skin. Do not eat, drink or smoke in work areas, wash hands after use; and remove contaminated clothing and protective equipment before entering areas where you eat.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature, see the product label.

#### 7.3 Specific end uses

Apart from the uses described in section 1.2 are not covered other specific uses.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### Components with workplace control parameters

Component	N. CAS	Value	Control parameters	Basis
Sodium azide	26628-22-8	TWA	0,1 mg/m3	Indicative limit values for occupational
				exposure to chemicals
		STEL	0,3 mg/m3	Indicative limit values for occupational
			_	exposure to chemicals

#### 8.2 Exposure controls

#### Exposure controls

Handle in accordance with good hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

Eyes/Face Protection: It is advisable wear safety goggles

Skin protection: Handle with gloves

Body Protection: Use protective clothes in accordance with laboratory good practices.

Respiratory protection: It is advisable wear dust mask.

#### **Environmental exposure control**

For information relating to environmental precautions, see chapter 6.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties						
Appearance						
Form	Liquid					
Color	Milky white					
Odour		No data available				
Odour Threshold		No data available				
рН		No data available				
Melting point/ freezing point		No data available				
Initial boiling point and boilin	g range	No data available				
Flash point		No data available				
Evaporation rate		No data available				
Flammability (solid, gas)		not applicable				
Upper / lower flammability or	explosive limits	No data available				
Vapour pressure	•	No data available				
Vapour density		No data available				
Relative density		No data available				
-						



SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

soluble

No data available

Revision: 2 / Revision Date: 12.02.2021

Water solubility Partition coefficient: n-octanol/water Autoignition temperature Decomposition temperature Viscosity Explosive properties Oxidizing properties

**9.2 Other safety information** no data available

#### **10. STABILITY AND REACTIVITY**

**10.1 Reactivity** no data available

**10.2 Chemical stability** Stable under recommended storage conditions

### **10.3 Possibility of hazardous reactions** no data available

10.4 Conditions to avoid

Avoid contact with lead or copper plumbing.

**10.5 Incompatible materials** Lead or copper plumbing

**10.6 Hazardous decomposition products** No decomposition when used for the intended uses.

#### **11. TOXICOLOGICAL INFORMATION**

#### 11.1 Information on toxicological effects

Acute toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by IARC or expected.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional information: RTECS: no data available

#### **12. ECOLOGICAL INFORMATION**

**12.1 Toxicity** no data available

**12.2 Persistence and degradability** no data available

no uala avaliable

**12.3 Bioaccumulative potential** no data available

**12.4 Mobility in soil** no data available

12.5 Results of PBT and vPvB assessment

This mixture contains no substances evaluated PBT or vPvB

#### 12.6 Other adverse effects

no data available

#### **13. DISPOSAL CONSIDERATIONS**



#### 13.1 Waste treatment methods

#### Product

Not be disposed of with household waste. Do not discharge into sewers.

The product must be specially treated adhering to official regulations administrative. Offer surplus and non-recyclable solutions to a licensed disposal company.

#### Contaminated packaging

Dispose of as unused product.

14. INFORMAZIONI SUL TRASPO	ORTO	
<b>14.1 UN number</b> ADR/RID: -	IMDG: -	IATA: -
<b>14.2 UN proper shipping name</b> ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods		
14.3 Transport hazard class(es) ADR/RID: -	IMDG: -	IATA: -
14.4 Packaging group ADR/RID: -	IMDG: -	IATA: -
<b>14.5 Environmental hazards</b> ADR/RID: no	IMDG: no	IATA: no

**14.6 Special precautions for user** no data available

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

#### **15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of European Parliament and of the Council Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Commission Regulation (EU) No. 453/2010 amending Commission Regulation (EC) No. 1907/2006.

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

The product is classified, coded and labeled in accordance with EU Regulation on Hazardous Materials.

#### 15.2 Chemical Safety Assessment

This product has not been made a chemical safety assessment.

#### **16. OTHER INFORMATION**

#### Text of H code(s) and R-phrase(s) mentioned in Section 3

Acute Tox. 2 Acute toxicity, Oral (Category 2)

Aquatic Acute 1 Acute toxicity to the aquatic environment (Category 1)

Aquatic Chronic 1 Chronic toxicity to the aquatic environment (Category 1)

H300 Fatal if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

EUH032 Contact with acids liberates very toxic gas.

### Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CLP: Regulation concerning the classification, labelling and packaging of substances and mixtures, Regulation (EC) No. 1272/2008.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

CL50: Middle lethal concentration of individuals in essay

DL50: The median lethal dose that causes death in 50% of individuals in essay

PBT: Persistent, bioaccumulative and toxic substance

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Regulation (EC) No. 1907/2006

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

vPvB: Very persistent and very bioaccumulative substance

#### **Training advice**

The product must be used by qualified personnel. It is recommended to provide basic training with regard to safety and health at work to ensure proper handling of the product.



Revision: 2 / Revision Date: 12.02.2021

#### **Further information**

This sheet replaces any previous edition.

The information in this document is based on the present state of our knowledge. The user must ensure the accuracy and completeness of such information in relation to the specific use intended.

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Previous date: 03.12.2015 Revision date: 12.02.2021 Revision Number: rev. 2

SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

Revision: 2 / Revision Date: 12.02.2021

### ENGLISH

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifiers

Product name: Salmonella Positive Control Product Number: 096151B

**1.2 Identified uses of the relevant substance or mixture and uses advised against** Identified uses relevant: Professional uses, Health services, scientific research and development

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Liofilchem<sup>®</sup> Address: Via Scozia, 64026 - Roseto degli Abruzzi (TE) Telephone number: 085/8930745 Fax number: 085/8930330 E-mail address: liofilchem@liofilchem.com **1.4 Emergency telephone number** 

+39 02-66101029 (Centro Antiveleni Niguarda Cà Granda - Milano).

#### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class in accordance to Regulation (EC) No. 1272/2008. concerning the classification, labelling and packaging of substances and mixtures.

#### 2.2 Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

#### 2.3 Other hazards - none

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

#### Hazardous substances

CAS n°	EC n°	Index n°	Registration number REACH	Concentration	Classification Regulation 1272/2008	according (EC) No
Sodium azide	Sodium azide					
26628-22-8	247-852-1	011-004-00-7	-	0.099 %	Acute Tox. 2; A 1; Aquatic Chro H410, EUH032	onic 1; H300,

#### Additional Information:

For the full text of H codes and R phrases mentioned in this section, see section 16

#### **4. FIRST AID MEASURES**

#### 4.1 Description of first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air.

In case of skin contact: wash skin immediately with soap and water.

In case of eye contact: wash out eyes with plenty of water with.

If swallowed: wash mouth with water. Do not swallow mouth wash. Seek medical advice.

#### 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

#### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media: Use dry sand cement, special powder for metal fires. Do not use water and foam.

#### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapours. None under normal usage conditions.

#### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

Revision: 2 / Revision Date: 12.02.2021

#### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

#### 6.3 Metodi e materiali per il contenimento e per la bonifica

Absorb with dry earth, sand or other non combustible material. Properly disinfect any spills. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For information on safe handling, see Chapter 7.

For information on personal protection equipment see Chapter 8.

For disposal information see Chapter 13.

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with eyes and skin. Do not eat, drink or smoke in work areas, wash hands after use; and remove contaminated clothing and protective equipment before entering areas where you eat.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature, see the product label.

#### 7.3 Specific end uses

Apart from the uses described in section 1.2 are not covered other specific uses.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### Components with workplace control parameters

Component	N. CAS	Value	Control parameters	Basis
Sodium azide	26628-22-8	TWA	0,1 mg/m3	Indicative limit values for occupational
				exposure to chemicals
		STEL	0,3 mg/m3	Indicative limit values for occupational
			-	exposure to chemicals

#### 8.2 Exposure controls

#### Exposure controls

Handle in accordance with good hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

Eyes/Face Protection: It is advisable wear safety goggles

Skin protection: Handle with gloves

Body Protection: Use protective clothes in accordance with laboratory good practices.

Respiratory protection: It is advisable wear dust mask.

#### **Environmental exposure control**

For information relating to environmental precautions, see chapter 6.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties						
Appearance						
Form	Liquid					
Color	Clear/off-white					
Odour		No data available				
Odour Threshold		No data available				
рН		No data available				
Melting point/ freezing point		No data available				
Initial boiling point and boiling	range	No data available				
Flash point		No data available				
Evaporation rate		No data available				
Flammability (solid, gas)		not applicable				
Upper / lower flammability or e	xplosive limits	No data available				
Vapour pressure		No data available				
Vapour density		No data available				

SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

No data available

No data available

No data available

No data available No data available

No data available

No data available

soluble

Revision: 2 / Revision Date: 12.02.2021

Relative density Water solubility Partition coefficient: n-octanol/water Autoignition temperature Decomposition temperature Viscosity Explosive properties Oxidizing properties

**9.2 Other safety information** no data available

#### **10. STABILITY AND REACTIVITY**

**10.1 Reactivity** no data available

**10.2 Chemical stability** Stable under recommended storage conditions

**10.3 Possibility of hazardous reactions** no data available

### 10.4 Conditions to avoid

Avoid contact with lead or copper plumbing.

**10.5 Incompatible materials** Lead or copper plumbing

**10.6 Hazardous decomposition products** No decomposition when used for the intended uses.

#### **11. TOXICOLOGICAL INFORMATION**

11.1 Information on toxicological effects Acute toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by IARC or expected.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional information: RTECS: no data available

#### 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** This mixture contains no substances evaluated PBT or vPvB

**12.6 Other adverse effects** no data available

Revision: 2 / Revision Date: 12.02.2021

#### **13. DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods

#### Product

Not be disposed of with household waste. Do not discharge into sewers. The product must be specially treated adhering to official regulations administrative. Offer surplus and non-recyclable solutions to a licensed disposal company.

#### Contaminated packaging

Dispose of as unused product.

14. INFORMAZIONI SUL TRASPORTO				
<b>14.1 UN number</b> ADR/RID: -	IMDG: -	IATA: -		
<b>14.2 UN proper shipping name</b> ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods				
14.3 Transport hazard class(es ADR/RID: -	) IMDG: -	IATA: -		
14.4 Packaging group ADR/RID: -	IMDG: -	IATA: -		
<b>14.5 Environmental hazards</b> ADR/RID: no	IMDG: no	IATA: no		
14.6 Special precautions for us no data available	ser			

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

#### **15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of European Parliament and of the Council Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Commission Regulation (EU) No. 453/2010 amending Commission Regulation (EC) No. 1907/2006.

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

The product is classified, coded and labeled in accordance with EU Regulation on Hazardous Materials.

#### 15.2 Chemical Safety Assessment

This product has not been made a chemical safety assessment.

#### 16. OTHER INFORMATION

#### Text of H code(s) and R-phrase(s) mentioned in Section 3

Acute Tox. 2 Acute toxicity, Oral (Category 2)

Aquatic Acute 1 Acute toxicity to the aquatic environment (Category 1)

Aquatic Chronic 1 Chronic toxicity to the aquatic environment (Category 1)

H300 Fatal if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

EUH032 Contact with acids liberates very toxic gas.

#### Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CLP: Regulation concerning the classification, labelling and packaging of substances and mixtures, Regulation (EC) No. 1272/2008.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

CL50: Middle lethal concentration of individuals in essay

DL50: The median lethal dose that causes death in 50% of individuals in essay

PBT: Persistent, bioaccumulative and toxic substance

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Regulation (EC) No. 1907/2006

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

vPvB: Very persistent and very bioaccumulative substance



Revision: 2 / Revision Date: 12.02.2021

#### **Training advice**

The product must be used by qualified personnel. It is recommended to provide basic training with regard to safety and health at work to ensure proper handling of the product.

#### **Further information**

This sheet replaces any previous edition.

The information in this document is based on the present state of our knowledge. The user must ensure the accuracy and completeness of such information in relation to the specific use intended.

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Previous date: 03.12.2015 Revision date: 12.02.2021 Revision Number: rev. 2