

03.04.2024	Kit Components		
Product code	Description		
CSI087211	S. Paratyphi C antigen O - Tube Test		
Components:			
392510	Sospensione S. Paratyphi C antigen O		
392073	Tampone PBS pH 7.2		



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Safety data sheet

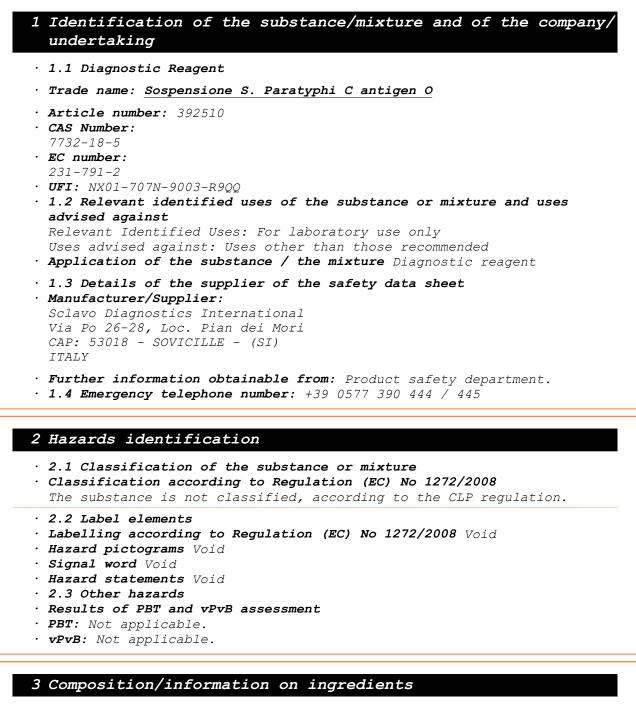
according to Regulation (EC) No 1907/2006,

Article 31

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- · 3.1 Substances
- · CAS No. Description

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

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Trade name: Sospensione S. Paratyphi C antigen O

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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.
- \cdot 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.
- \cdot 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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Article 31 Printing date 03.04.2024 Version number 1 Revision: 03.04.2024 Trade name: Sospensione S. Paratyphi C antigen O (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 Fluid · Colour: Colourless · Odour: *Odourless* · Odour threshold: Not determined. 0 °C • Melting point/freezing point:

 Boiling point or initial boiling point and boiling range
 100 °C (7732-18-5 water, distilled,

· Kinematic viscosity

• Dynamic at 20 °C:

Flammability conductivity or of similar purity)
 Flammability Not applicable.
 Lower: Not determined.
 Upper: Not determined.
 Flash point: Not applicable.
 Decomposition temperature: Not determined.
 pH Not determined.
 Viscosity:

Not determined. 0.952 mPas

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· 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/cm³
· Relative density	Not determined.
· Vapour density	Not determined.
· 9.2 Other information	
· Appearance: · Form:	Fluid
	FIUIO
• Important information on	
protection of health and	
environment, and on safety.	Not determined
· Ignition temperature:	Not determined.
• Explosive properties:	Product does not present an explosion
· Solvent content:	hazard.
· Water:	98.9 %
· VOC (EC)	90.9 °
· Solids content:	0.9 %
· Molecular weight	18.02 g/mol
· Change in condition	Not determined.
• 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 Decembraria lincida	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
• Self-heating substances and	TT - / -/
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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Trade name: Sospensione S. Paratyphi C antigen O

· 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.
- \cdot 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

No dangerous decomposition products known.

11 Toxicological information

 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 · Acute toxicity Based on available data, the classification criteria are not met. · 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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Trade name: Sospensione S. Paratyphi C antigen O

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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 number or ID number ADR, IMDG, IATA 	not regulated
 14.2 UN proper shipping name ADR, IMDG, IATA 	not regulated
\cdot 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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Safety data sheet according to Regulation (EC) No 1907/2006,

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Trade name: Sospensione S. Paratyphi C antigen O

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· 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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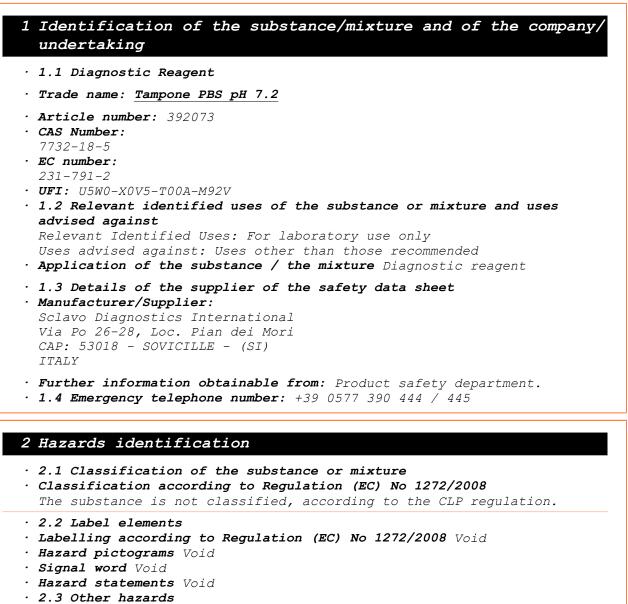
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- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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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Trade name: Tampone PBS pH 7.2

· 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.
- \cdot 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.
- \cdot 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.
- \cdot 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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· 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.
- · Eye/face protection Goggles recommended during refilling

9 Physical and chemical properties

\cdot 9.1 Information on basic physical and chemical properties \cdot General Information				
\cdot Physical state	Fluid			
· Colour:	Colourless			
· Odour:	Odourless			
• Odour threshold:	Not determined.			
 Melting point/freezing point: 	0 °C			
• Boiling point or initial boiling	T			
point and boiling range	100 °C (7732-18-5 water, distilled,			
	conductivity or of similar purity)			
· 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	Not determined.			
· Dynamic at 20 °C:	0.952 mPas			

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Trade name: Tampone PBS pH 7.2

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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/cm³
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	10.02 g/mor
Evaporation rate	Not determined.
Information with regard to physical hazard classes Explosives	Void
Flammable gases	Void
Aerosols	Void Void
Oxidising gases	Void Void
Gases under pressure	Void
Flammable liquids	Void Void
Flammable solids	Void Void
Self-reactive substances and	VOLU
mixtures	Void
Pyrophoric liquids	Void Void
Pyrophoric solids	Void
Self-heating substances and	VOTA
mixtures	Void
Substances and mixtures, which	VOLU
emit flammable gases in contact	
-	Void
	Void Void
with water	
Oxidising liquids	
Oxidising liquids Oxidising solids	Void
Oxidising liquids Oxidising solids Organic peroxides	Void Void
Oxidising liquids Oxidising solids	Void

10 Stability and reactivity

· 10.1 Reactivity No further relevant information available.

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•	10.2	Chemical	stability
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- · 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

 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 an	ıd
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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Trade name: Tampone PBS pH 7.2

- · 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 number or ID number ADR, IMDG, IATA 	not regulated
 14.2 UN proper shipping name ADR, IMDG, IATA 	not regulated
\cdot 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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Trade name: Tampone PBS pH 7.2

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· 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

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