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# SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

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

### 1.1 Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
567323	BD Horizon™ BV421 Mouse Anti-Human KIR2DL1/S1/S3/S5 (CD158)	No data available
566744	BD Horizon™ BV421 Mouse Anti-Human CCR7 (CD197)	No data available
567166	BD Horizon™ BV421 Mouse Anti-EOMES	No data available
566007	BD Horizon™ BV421 Mouse Anti-Human CXCR6 (CD186)	No data available
566266	BD Horizon™ BV421 Mouse Anti-Human CD137	No data available
566268	BD Horizon™ BV421 Mouse Anti-Human CD154	No data available
566379	BD Horizon™ BV421 Mouse Anti-Human CCR8 (CD198)	No data available
566583	BD Horizon™ BV421 Mouse Anti-Human CD179a (VpreB)	No data available
566595	BD Horizon™ BV421 Mouse Anti-Human CD133	No data available
566692	BD Horizon™ BV421 Mouse Anti-TCF-7/TCF-1	No data available
566743	BD Horizon™ BV421 Mouse Anti-Human CCR7 (CD197)	No data available
564401	BD Horizon™ BV421 Mouse Anti-Human TLR4 (CD284)	No data available
564709	BD Horizon™ BV421 Mouse Anti-Human Cytokeratin	No data available
565050	BD Horizon™ BV421 Mouse Anti-Human CD1c	No data available
565283	BD Horizon™ BV421 Mouse Anti-Human CD14	No data available
565276	BD Horizon™ BV421 Rat Anti-Blimp-1	No data available
565618	BD Horizon™ BV421 Mouse Anti-Cardiac Troponin T	No data available
565721	BD Horizon™ BV421 Mouse Anti-Human LAG-3 (CD223)	No data available



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565720	BD Horizon™ BV421 Mouse Anti-Human LAG-3 (CD223)	No data available
565891	BD Horizon™ BV421 Mouse Anti-Glucagon	No data available
565929	BD Horizon™ BV421 Mouse Anti-Ki-67	No data available
563743	BD Horizon™ BV421 Mouse Anti-Human CD14	No data available
563744	BD Horizon™ BV421 Mouse Anti-Human CD14	No data available
563766	BD Horizon™ BV421 Mouse Anti-Human OX40 Ligand (CD252)	No data available
563886	BD Horizon™ BV421 Mouse Anti-Human CD154	No data available
564062	BD Horizon™ BV421 Mouse Anti-Human CD206	No data available
564114	BD Horizon™ BV421 Mouse Anti-Human CD200	No data available
564091	BD Horizon™ BV421 Mouse Anti-Human CD137	No data available
564124	BD Horizon™ BV421 Mouse Anti-Human CD140b	No data available
564323	BD Horizon™ BV421 Mouse Anti-Human CD279 (PD-1)	No data available
564363	BD Horizon™ BV421 Mouse Anti-Human CD58	No data available
562643	BD Horizon™ BV421 Mouse Anti-Human CD163	No data available
562649	BD Horizon™ BV421 Mouse Anti-Human CD45RO	No data available
562708	BD Horizon™ BV421 Rat IgM, κ Isotype Control	No data available
562706	BD Horizon™ BV421 Rat Anti-SSEA-3	No data available
562711	BD Horizon™ BV421 Mouse Anti-Human TRA-1-60 Antigen	No data available
562748	BD Horizon™ BV421 Mouse IgG2b, κ Isotype Control	No data available
562783	BD Horizon™ BV421 Mouse Anti-Human TNF	No data available
562868	BD Horizon™ BV421 Rat IgG1, κ Isotype Control	No data available
562877	BD Horizon™ BV421 Mouse Anti-Human CD3	No data available
562872	BD Horizon™ BV421 Mouse Anti-Human CD64	No data available
562789	BD Horizon™ BV421 Mouse Anti-Human CD24	No data available



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562804	BD Horizon™ BV421 Mouse Anti-Human HLA-DR	No data available
562805	BD Horizon™ BV421 Mouse Anti-Human HLA-DR	No data available
562899	BD Horizon™ BV421 Mouse Anti-Ki-67	No data available
562900	BD Horizon™ BV421 Mouse Anti-Human MIP-1β	No data available
562940	BD Horizon™ BV421 Mouse Anti-Human CD66b	No data available
562962	BD Horizon™ BV421 Mouse Anti-Human TGF-β1	No data available
563393	BD Horizon™ BV421 Mouse Anti-Human Perforin	No data available
563389	BD Horizon™ BV421 Mouse Anti-Human Granzyme B	No data available
563679	BD Horizon™ BV421 Mouse Anti-Human CD39	No data available
562434	BD Horizon™ BV421 Mouse Anti-Human CD117	No data available
562439	BD Horizon™ BV421 Mouse IgG2a, κ Isotype Control	No data available
562440	BD Horizon™ BV421 Mouse Anti-Human CD19	No data available
562442	BD Horizon™ BV421 Mouse Anti-Human CD25	No data available
562444	BD Horizon™ BV421 Mouse Anti-Human CD38	No data available
562516	BD Horizon™ BV421 Mouse Anti-Human CD279 (PD-1)	No data available
562517	BD Horizon™ BV421 Mouse Anti-Human CD123	No data available
562556	BD Horizon™ BV421 Mouse Anti-Human CD90	No data available
562576	BD Horizon™ BV421 Mouse Anti-Human CD195	No data available
562596	BD Horizon™ BV421 Mouse Anti-Human CD13	No data available
562613	BD Horizon™ BV421 Mouse Anti-Human CD28	No data available
562602	BD Horizon™ BV421 Rat IgG2a, κ Isotype Control	No data available
562603	BD Horizon™ BV421 Rat IgG2b, κ Isotype Control	No data available
562630	BD Horizon™ BV421 Mouse Anti-Human CD83	No data available
562641	BD Horizon™ BV421 Mouse Anti-Human CD45RO	No data available

**1.2 Relevant identified uses of the substance or mixture and uses advised against**



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**Identified uses:** Scientific and industrial laboratory use. For research use only.

**Uses advised against:** Not for use in diagnostic or therapeutic procedures.

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

#### Manufacturer

Becton, Dickinson and Company, BD Biosciences  
155 North McCarthy Boulevard  
95035 Milpitas, California  
USA

**Telephone:** 1 877 232 8995 or 1 800 424 9300  
**Fax:** not available

**Contact Person:** Business Unit Product Stewardship Team  
**E-mail:** BDB-PS-SDS-LABEL@bd.com

#### Supplier

Becton Dickinson  
1030 Eskdale Road, Winnersh Triangle  
RG41 5TS Wokingham, Berkshire  
United Kingdom

**Telephone:** 01189216499

**1.4 Emergency telephone number:** CHEMTREC 1 800 424 9300

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567**

Not classified

**2.2 Label Elements** Not applicable

### 2.3 Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**General information:** No hazardous ingredients.



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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>General information:</b>	Get medical attention if symptoms occur.
<b>Inhalation:</b>	Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.
<b>Skin Contact:</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
<b>Eye contact:</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.
<b>Ingestion:</b>	Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
<b>Personal Protection for First-aid Responders:</b>	No data available.

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Symptoms:</b>	No data available.
<b>Hazards:</b>	No data available.

### 4.3 Indication of immediate medical attention and special treatment needed

<b>Treatment:</b>	No data available.
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## SECTION 5: Firefighting measures

<b>General Fire Hazards:</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water spray to keep fire-exposed containers cool.
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### 5.1 Extinguishing media

<b>Suitable extinguishing media:</b>	Water spray, foam, dry powder or carbon dioxide. Use fire-extinguishing media appropriate for surrounding materials.
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<b>Unsuitable extinguishing media:</b>	Avoid water in straight hose stream; will scatter and spread fire.
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### 5.2 Special hazards arising from the substance or mixture:

Fire or excessive heat may produce hazardous decomposition products.



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### 5.3 Advice for firefighters

<b>Special fire-fighting procedures:</b>	No unusual fire or explosion hazards noted.
<b>Special protective equipment for fire-fighters:</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## SECTION 6: Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	Contact local authorities in case of spillage to drain/aquatic environment. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.
<b>6.1.1 For non-emergency personnel:</b>	No data available.
<b>6.1.2 For emergency responders:</b>	No data available.
<b>6.2 Environmental Precautions:</b>	Avoid release to the environment.
<b>6.3 Methods and material for containment and cleaning up:</b>	Absorb spillage with suitable absorbent material. Prevent runoff from entering drains, sewers, or streams. See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.
<b>6.4 Reference to other sections:</b>	No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

<b>Technical measures:</b>	No data available.
<b>Local/Total ventilation:</b>	No data available.
<b>Safe handling advice:</b>	When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.
<b>Contact avoidance measures:</b>	No data available.

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

<b>Safe storage conditions:</b>	Store in a cool, dry place. Keep container tightly closed.
<b>Safe packaging materials:</b>	No data available.



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**7.3 Specific end use(s):**

Reserved for industrial and professional use. Read label before use.

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

**8.1 Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

**DNEL-Values**

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
Sodium azide (Na(N3))	General population	Eyes	Local effect;	No hazard identified
	Workers	Eyes	Local effect;	No hazard identified
	General population	Inhalation	Systemic, long-term; 87 µg/m3	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 0.05 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 0.14 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 0.493 mg/m3	Repeated dose toxicity
Sodium Chloride (NaCl)	General population	Dermal	Systemic, long-term; 0.05 mg/kg	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term; 443.28 mg/m3	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 2068.62 mg/m3	Repeated dose toxicity
	Workers	Inhalation	Systemic, short-term; 2068.62 mg/m3	Repeated dose toxicity
	General population	Inhalation	Systemic, short-term; 443.28 mg/m3	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 126.65 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 295.52 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, short-term; 295.52 mg/kg	Repeated dose toxicity
	General population	Oral	Systemic, short-term; 126.65 mg/kg	Repeated dose toxicity
	General population	Dermal	Systemic, short-term; 126.65 mg/kg	Repeated dose toxicity
Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.	Workers	Eyes	Local effect;	No hazard identified
	General population	Eyes	Local effect;	No hazard identified

**PNEC-Values**

Remarks: PNEC-Values

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Critical component	Environmental compartment	PNEC-Values	Remarks
Sodium azide (Na(N3))	Aquatic (marine water)	0.015 µg/l	
	Sewage treatment plant	30 µg/l	
	Sediment (freshwater)	0.0167 mg/kg	
	Sediment (marine water)	0.00072 mg/kg	
Sodium Chloride (NaCl)	Aquatic (freshwater)	0.35 µg/l	
	Sewage treatment plant	500 mg/l	
	Soil	4.86 mg/kg	Soil
Sorbitan, monododecanoate, poly(oxy-1,2-ethanediy) derivs.	Sediment (marine water)	1000 mg/kg	
	Sediment (freshwater)	1.141 mg/kg	
	Aquatic (freshwater)	0.2 mg/l	
	Aquatic (marine water)	0.02 mg/l	

## 8.2 Exposure controls

### Appropriate Engineering Controls:

No special requirements under ordinary conditions of use and with adequate ventilation.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection:

Wear safety glasses with side shields (or goggles).

#### Hand Protection:

Material: Chemical resistant gloves  
Additional Information: Wash hands after contact.  
Material: Suitable gloves can be recommended by the glove supplier.

#### Skin and Body Protection:

Wear a lab coat or similar protective clothing.

#### Respiratory Protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

#### Hygiene measures:

Observe good industrial hygiene practices.

#### Environmental Controls:

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state:**

liquid

**Form:**

liquid

**Color:**

Colorless

**Odor:**

Odorless





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<b>Odor Threshold:</b>	No data available.
<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flammability:</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	7.10 - 7.30
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Soluble
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Density:</b>	No data available.
<b>Relative vapor density:</b>	No data available.

**9.2 Other information**  
No data available

<b>SECTION 10: Stability and reactivity</b>
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<b>10.1 Reactivity:</b>	Material is stable under normal conditions.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Stable
<b>10.4 Conditions to avoid:</b>	Avoid exposure to high temperatures or direct sunlight.
<b>10.5 Incompatible Materials:</b>	Metals. Water reactive material.
<b>10.6 Hazardous Decomposition Products:</b>	Stable; however, may decompose if heated.



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## **SECTION 11: Toxicological information**

### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

#### **Acute toxicity (list all possible routes of exposure)**

##### **Oral**

**Product:** Not classified for acute toxicity based on available data.

##### **Dermal**

**Product:** Not classified for acute toxicity based on available data.

##### **Inhalation**

**Product:** Not classified for acute toxicity based on available data.

##### **Repeated dose toxicity**

**Product:** No data available.

##### **Skin Corrosion/Irritation**

**Product:** No data available.

##### **Serious Eye Damage/Eye Irritation**

**Product:** No data available.

##### **Respiratory or Skin Sensitization**

**Product:** No data available.

##### **Carcinogenicity**

**Product:** No data available.

##### **Germ Cell Mutagenicity**

###### **In vitro**

**Product:** No data available.

###### **In vivo**

**Product:** No data available.

##### **Reproductive toxicity**

**Product:** No data available.

##### **Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.



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### Specific Target Organ Toxicity - Repeated Exposure

**Product:** No data available.

### Aspiration Hazard

**Product:** No data available.

## 11.2 Information on other hazards

### Other information

**Product:** No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity:

#### Toxicity to Aquatic Plants

**Product:** No data available.

#### Toxicity to microorganisms

**Product:** No data available.

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Aquatic Invertebrates

**Product:** No data available.

#### Chronic hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Aquatic Invertebrates

**Product:** No data available.

### 12.2 Persistence and Degradability

#### Biodegradation

**Product:** No data available.

### 12.3 Bioaccumulative potential

#### Bioconcentration Factor (BCF)

**Product:** No data available.



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**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**12.4 Mobility in soil:**

**Product:** No data available.

**12.5 Results of PBT and vPvB assessment:**

**Product:** No data available.

**12.6 Other adverse effects:**

**Other hazards**

**Product:** No data available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**General information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal methods:** No data available.

**Contaminated Packaging:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**SECTION 14: Transport information**

**ADR**

14.1 UN number or ID number: Not Regulated.

14.2 UN Proper Shipping Name: Not Regulated.

14.3 Transport Hazard Class(es)

Class: Not Regulated.

Label(s): Not Regulated.

Hazard No. (ADR): Not Regulated.

Tunnel restriction code: Not Regulated.

14.4 Packing Group: Not Regulated.

Limited quantity Not Regulated.

Excepted quantity Not Regulated.

14.5 Environmental Hazards Not Regulated.

14.6 Special precautions for user: Not Regulated.

**RID**

14.1 UN number or ID number: Not Regulated.

14.2 UN Proper Shipping Name: Not Regulated.



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- 14.3 Transport Hazard Class(es)  
Class: Not Regulated.  
Label(s): Not Regulated.
- 14.4 Packing Group: Not Regulated.  
Limited quantity Not Regulated.  
Excepted quantity Not Regulated.
- 14.5 Environmental Hazards Not Regulated.
- 14.6 Special precautions for user: Not Regulated.
- IMDG**
- 14.1 UN number or ID number: Not Regulated.  
14.2 UN Proper Shipping Name: Not Regulated.
- 14.3 Transport Hazard Class(es)  
Class: Not Regulated.  
Label(s): Not Regulated.  
EmS No.: Not Regulated.
- 14.4 Packing Group: Not Regulated.  
Limited quantity Not Regulated.  
Excepted quantity Not Regulated.
- 14.5 Environmental Hazards Not Regulated.
- 14.6 Special precautions for user: Not Regulated.
- IATA**
- 14.1 UN number or ID number: Not Regulated.  
14.2 UN Proper Shipping Name: Not Regulated.
- 14.3 Transport Hazard Class(es)  
Class: Not Regulated.  
Label(s): Not Regulated.
- 14.4 Packing Group: Not Regulated.  
Passenger and cargo aircraft : Not Regulated.  
Limited quantity Not Regulated.  
Excepted quantity Not Regulated.
- 14.5 Environmental Hazards Not Regulated.
- 14.6 Special precautions for user: Not Regulated.
- 14.7 Maritime transport in bulk according to IMO instruments**  
Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

#### EU Regulations

**EU. REACH Annex XIV, Substances Subject to Authorization:** None present or none present in regulated quantities.

**EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):** None present or none present in regulated quantities.

**EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended:** None



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present or none present in regulated quantities.

**Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances:** None present or none present in regulated quantities.

**Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances:** None present or none present in regulated quantities.

**UK EXP1: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended:** None present or none present in regulated quantities.

**UK EXP2: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended:** None present or none present in regulated quantities.

**UK EXP3: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended:** None present or none present in regulated quantities.

**UK BAN: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended:** None present or none present in regulated quantities.

**EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:** None present or none present in regulated quantities.

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

#### **International regulations**

##### **Montreal protocol**

Not applicable

##### **Stockholm convention**

Not applicable

##### **Rotterdam convention**

Not applicable

##### **Kyoto protocol**

Not applicable

### **SECTION 16: Other information**

**Date of first report version:** 28.05.2024

**Generation date:** 28.05.2024

**Version #:** 1.0

#### **Abbreviations and acronyms:**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC -



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Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Key literature references and sources for data:** European Chemicals Agency (ECHA): Information on Chemicals.

**Wording of the statements in section 2 and 3**

: none

**Training information:** No data available.



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