

# SAFETY DATA SHEET



Antibodies Reagent

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

### 1.1 Product identifier

**Product name** : Antibodies Reagent

**Part no.** : 8720001, 8720002, 8720003, 8720004, 8720006, 8720007, 8720011, 8720012, 8720013, 8720014, 8720015, 8720016, 8720017, 8720018, 8720022, 8720028, 8720029, 8720036, 8720038, 8720039, 8720041, 8720045, 8720064, 8720070, 8720084, 8720100, 8720123, 8720130, 8720131, 8720144, 8720197, 8720224, 8720225, 8720226, 8720227, 8720228, 8720230, 8720232, 8720251, 8720251, 8720254, 8720255, 8720256, 8720257, 8730002, 8730003, 8730004, 8730006, 8730007, 8730008, 8730010, 8730011, 8730014, 8730015, 8730016, 8730022, 8730032, 8730036, 8730039, 8730045, 8730049, 8730053, 8730054, 8730056, 8730057, 8730060, 8730064, 8730070, 8730071, 8730072, 8730075, 8730078, 8730081, 8730084, 8730100, 8730101, 8730105, 8730106, 8730108, 8730110, 8730118, 8730119, 8730123, 8730128, 8730130, 8730131, 8730136, 8730140, 8730142, 8730143, 8730144, 8730150, 8730180, 8730185, 8730190, 8730204, 8730217, 8730222, 8730229, 8730232, 8730235, 8730248, 8730249, 8730252, 8730253, 8730255, 8730255, 8730258, 8730281, 8730292, 8730546, 8730718, 8730836, 8730867, 8730869, 8730870, 8730907, 8731057, 8730569, 8730155, 8730504, 8730935, 8730550, 8730809, 8720978, 8730978, 8720983, 8730983, 8721000, 8731000, 8721002, 8731002, 8720140

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

**Material uses** : For research use only. Not for use in diagnostic procedures (RUO).

8720001 FITC Mouse anti-human CD3  
8720002 PE Mouse anti-human CD8  
8720003 APC Mouse anti-human CD4  
8720004 PerCP anti-human CD45  
8720006 PE Mouse anti-human CD56  
8720007 APC Mouse anti-human CD19  
8720011 FITC Mouse anti-human CD4  
8720012 CD4/CD8/CD3 antibody kit  
8720013 PerCP-Cyanine 5.5 Mouse anti-human CD3  
8720014 FITC Mouse anti-human CD45  
8720015 PE-Cy7 Mouse anti-human CD19  
8720016 FITC Mouse anti-human CD19  
8720017 PE Mouse anti-human CD19  
8720018 PE Mouse anti-human CD1a  
8720022 FITC Mouse anti-human CD2  
8720028 PE Mouse anti-human CD4  
8720029 PE-Cy7 Mouse anti-human CD4  
8720036 PE Mouse anti-human CD7  
8720038 FITC Mouse anti-human CD8  
8720039 APC Mouse anti-human CD8  
8720041 PE-Cy7 Mouse anti-human CD8  
8720045 APC Mouse anti-human CD10  
8720064 FITC Mouse anti-human CD16  
8720070 FITC Mouse anti-human CD20  
8720084 PE Mouse anti-human CD25  
8720100 PE Mouse anti-human CD34  
8720123 PE Mouse anti-human CD79a  
8720130 PE Mouse anti-human CD117  
8720131 APC Mouse anti-human CD117  
8720144 APC Mouse anti-human HLA-DR  
8720197 FITC HLA-B27/PerCP CD3 antibody Kit  
8720224 CD3/CD16+CD56 antibody Kit  
8720225 PE Mouse anti-human CD183 (CXCR3)  
8720226 PerCP-Cyanine 5.5 Mouse anti-hCD186

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8720227	PE/Cy7 Mouse anti-human CD279 (PD1)
8720228	APC Mouse anti-human CD185 (CXCR5)
8720230	APC Mouse anti-human CD5
8720232	APC Mouse anti-human CD33
8720251	CD3/CD16+56/CD45/CD4/CD19/CD8 kit
8720251	CD3/CD16+CD56/CD45/CD4/CD19/CD8 Kit
8720254	FITC Mouse anti-human TDT
8720255	PE Mouse anti-human CD22
8720256	FITC Mouse anti-human Ig LT chain kappa
8720257	PE Mouse anti-human Ig LT chain lambda
8730002	PE Mouse anti-human CD8
8730003	APC Mouse anti-human CD4
8730004	PerCP Mouse anti-human CD45
8730006	PE Mouse anti-human CD56
8730007	APC Mouse anti-human CD19
8730008	CD3/CD8/CD45/CD4 antibody kit
8730010	PerCP Mouse anti-human CD3
8730011	FITC Mouse anti-human CD4
8730014	FITC Mouse anti-human CD45
8730015	PE-Cy7 Mouse anti-human CD19
8730016	FITC Mouse anti-human CD19
8730022	FITC Mouse anti-human CD2
8730032	APC Mouse anti-human CD5
8730036	PE Mouse anti-human CD7
8730039	APC Mouse anti-human CD8
8730045	APC Mouse anti-human CD10
8730049	APC Mouse anti-human CD11b
8730053	PE Mouse anti-human CD13
8730054	PE-Cy7 Mouse anti-human CD13
8730056	PE Mouse anti-human CD14
8730057	APC Mouse anti-human CD14
8730060	FITC Mouse anti-human CD15
8730064	FITC Mouse anti-human CD16
8730070	FITC Mouse anti-human CD20
8730071	PE Mouse anti-human CD20
8730072	APC Mouse anti-human CD20
8730075	PE Mouse anti-human CD22
8730078	PE Mouse anti-human CD23
8730081	PE Mouse anti-human CD235a
8730084	PE Mouse anti-human CD25
8730100	PE Mouse anti-human CD34
8730101	APC Mouse anti-human CD34
8730105	FITC Mouse anti-human CD36
8730106	PE Mouse anti-human CD36
8730108	FITC Mouse anti-human CD38
8730110	APC Mouse anti-human CD38
8730118	FITC Mouse anti-human CD64
8730119	PE Mouse anti-human CD64
8730123	PE Mouse anti-human CD79a
8730128	FITC Mouse anti-human CD103
8730130	PE Mouse anti-human CD117
8730131	APC Mouse anti-human CD117
8730136	PE Mouse anti-human CD123
8730140	APC Mouse anti-human CD138
8730142	FITC Mouse anti-human HLA-DR
8730143	PE Mouse anti-human HLA-DR
8730144	APC Mouse anti-human HLA-DR
8730150	FITC Mouse anti-human sIgM
8730180	PE Mouse anti-human CD27
8730185	FITC Mouse anti-human CD41a
8730190	PE Mouse anti-human CD55

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8730204	PC5 Mouse anti-human CD11b
8730217	APC-Cyanine 7 Mouse anti-human CD3
8730222	PE Mouse anti-human CD3
8730229	PE-Dazzle594 Mouse anti-human CD45
8730232	APC Mouse anti-human CD33
8730235	PE-Cy5 Mouse anti-human CD56
8730248	APC Mouse anti-human CD61
8730249	FITC Mouse anti-human CD15
8730252	APC Mouse anti-human CD3
8730253	PE Mouse anti-human CD9
8730255	PE Mouse anti-human CD22
8730255	PE Mouse anti-human CD22
8730258	FITC Mouse anti-human CD99
8730281	PE-Cy7 Mouse anti-human CD28
8730292	APC Mouse anti-human CD105
8730546	PE Mouse anti-human CD235a
8730718	PE Mouse anti-human CD44
8730836	PE-Cy7 Mouse anti-human CD73
8730867	APC Mouse anti-human CD81
8730869	PE Mouse anti-human CD81
8730870	PE-Cy7 Mouse anti-human CD81
8730907	APC-Cyanine 7 Mouse anti-human CD90
8731057	PE-Cy5 Mouse anti-human CD56
8730569	PE-Cy7 Mouse anti-human CD27
8730155	FITC Mouse anti-human TCR $\gamma/\delta$
8730504	APC Mouse anti-human CD197 (CCR7)
8730935	FITC Mouse anti-human IgM
8730550	APC Mouse anti-human CD24
8730809	PE Mouse anti-human CD62L
8720978	PE Mouse anti-human CD279 (PD1)
8730978	PE Mouse anti-human CD279 (PD1)
8720983	APC Mouse anti-human CD279 (PD1)
8730983	APC Mouse anti-human CD279 (PD1)
8721000	PE Mouse anti-human CD274 (PD-L1)
8731000	PE Mouse anti-human CD274 (PD-L1)
8721002	APC Mouse anti-human CD274 (PD-L1)
8731002	APC Mouse anti-human CD274 (PD-L1)
8720140	APC Mouse anti-human CD138

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

Agilent Technologies Manufacturing GmbH & Co. KG  
Hewlett-Packard-Str. 8  
76337 Waldbronn  
Germany  
0800 603 1000

**e-mail address of person responsible for this SDS** : pdl-msds\_author@agilent.com

**1.4 Emergency telephone number**

**Emergency telephone number (with hours of operation)** : CHEMTREC®: +(44)-870-8200418

**Antibodies Reagent**

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Product definition** : Mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Not classified.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

**2.2 Label elements**

**Signal word** : No signal word.

**Hazard statements** :  No known significant effects or critical hazards.

**Precautionary statements**

**Prevention** :  Not applicable.

**Response** : Not applicable.

**Storage** : Not applicable.

**Disposal** :  Not applicable.

**Supplemental label elements** : Not applicable.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

**Special packaging requirements**

**Tactile warning of danger** : Not applicable.

**2.3 Other hazards**

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification** : None known.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures** : Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

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

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous combustion products** : No specific data.

### 5.3 Advice for firefighters

- Special precautions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

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## SECTION 5: Firefighting measures

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

- For non-emergency personnel** :  No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- 6.2 Environmental precautions** :  Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and material for containment and cleaning up

- Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

- 6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Protective measures** :  Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

- Recommendations** : Industrial applications, Professional applications.
- Industrial sector specific solutions** :  Not available.

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

**8.1 Control parameters**

**Occupational exposure limits**

No exposure limit value known.

**Recommended monitoring procedures**

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs**

No DNELs/DMELs available.

**PNECs**

No PNECs available

**8.2 Exposure controls**

**Appropriate engineering controls**

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

**Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

**Hand protection**

:  Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection**

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection**

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection**

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Environmental exposure controls**

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

<b>Physical state</b>	: Liquid.
<b>Colour</b>	: Not available.
<b>Odour</b>	: Not available.
<b>Odour threshold</b>	: Not available.
<b>pH</b>	: Not available.
<b>Melting point/freezing point</b>	: 0°C
<b>Initial boiling point and boiling range</b>	: 100°C
<b>Flash point</b>	: Not available.
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not applicable.
<b>Upper/lower flammability or explosive limits</b>	: Not available.
<b>Vapour pressure</b>	: Not available.
<b>Vapour density</b>	: Not available.
<b>Relative density</b>	: Not available.
<b>Solubility(ies)</b>	: Soluble in the following materials: cold water and hot water.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.
<b>Explosive properties</b>	: Not available.
<b>Oxidising properties</b>	: Not available.

**9.2 Other information**

No additional information.

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>10.2 Chemical stability</b>	: The product is stable.
<b>10.3 Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	: No specific data.
<b>10.5 Incompatible materials</b>	: May react or be incompatible with oxidising materials.
<b>10.6 Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.



**Antibodies Reagent**

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Not available.

**Acute toxicity estimates**

N/A

**Irritation/Corrosion**

Conclusion/Summary : Not available.

**Sensitiser**

Conclusion/Summary : Not available.

**Mutagenicity**

Conclusion/Summary : Not available.

**Carcinogenicity**

Conclusion/Summary : Not available.

**Reproductive toxicity**

Conclusion/Summary : Not available.

**Teratogenicity**

Conclusion/Summary : Not available.

Information on likely routes of exposure : Not available.

**Potential acute health effects**

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Eye contact : No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

Inhalation : No specific data.

Ingestion : No specific data.

Skin contact : No specific data.

Eye contact : No specific data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Short term exposure**

Potential immediate effects : Not available.

Potential delayed effects : Not available.

**Long term exposure**

Potential immediate effects : Not available.

Potential delayed effects : Not available.

**Potential chronic health effects**

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

**Antibodies Reagent**

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Conclusion/Summary** : Not available.

**12.2 Persistence and degradability**

Not available.

**12.3 Bioaccumulative potential**

Not available.

**12.4 Mobility in soil**

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

**12.5 Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** :  Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** :  This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**SECTION 14: Transport information**

	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA</b>
<b>14.1 UN number</b>	Not regulated.	Not regulated.	Not regulated.
<b>14.2 UN proper shipping name</b>	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-
<b>14.4 Packing group</b>	-	-	-

**Antibodies Reagent**

**SECTION 14: Transport information**

<b>14.5 Environmental hazards</b>	No.	No.	No.
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**Additional information**

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to IMO instruments** : Not available.

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**EU Regulation (EC) No. 1907/2006 (REACH)**

**Annex XIV - List of substances subject to authorisation**

**Annex XIV**

None of the components are listed.

**Substances of very high concern**

None of the components are listed.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

**Label** : Not applicable.

**Other EU regulations**

**Ozone depleting substances (1005/2009/EU)**

Not listed.

**Prior Informed Consent (PIC) (649/2012/EU)**

Not listed.

**Seveso Directive**

This product is not controlled under the Seveso Directive.

**International regulations**

**Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed.

**Montreal Protocol**

Not listed.

**Stockholm Convention on Persistent Organic Pollutants**

Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

**Inventory list**

**Australia** : Not determined.

**Canada** : Not determined.


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**SECTION 15: Regulatory information**

<b>China</b>	: All components are listed or exempted.
<b>Europe</b>	: All components are listed or exempted.
<b>Japan</b>	: <b>Japan inventory (ENCS)</b> : Not determined. <b>Japan inventory (ISHL)</b> : Not determined.
<b>New Zealand</b>	: Not determined.
<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: All components are listed or exempted.
<b>Thailand</b>	: Not determined.
<b>Turkey</b>	: Not determined.
<b>United States</b>	: All components are active or exempted.
<b>Viet Nam</b>	: Not determined.


**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments might still be required.

**SECTION 16: Other information**

 Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
N/A = Not available  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Classification	Justification
 Not classified.	

**Full text of abbreviated H statements**

 Not applicable.

**Full text of classifications [CLP/GHS]**

 Not applicable.

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**Version** : 1.2

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