



Safety Data Sheet

Human CLDN18 ELISA Kit

Cat#: orb779133

Creation Date: July 23, 2018 Revision Date: July 23, 2018

All products are for Research Use Only · Not for Human or Veterinary or Therapeutic Use

1. IDENTIFICATION

1.1 GHS Product identifier

Product name: Human CLDN18 ELISA Kit

Catalog No.: orb779133

1.2 Recommended use of the chemical and restrictions on use

Identified uses: For research use only

Uses advised against: no data available

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

no data available

2.2 GHS Label elements, including precautionary statements

Pictogram(s): No symbol.

Signal word: No signal word

Hazard None

statement(s):

Precautionary statement(s):

Prevention: none

Response: none

Storage: none

Disposal: none

2.3 Other hazards which do not result in classification

no data available



3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical name	Common names and synonyms	CAS number	EC number	Concentration
Water	Water	7732- 18-5	231-791-2	78. 39%
Sodium chloride	Sodium chloride	7647- 14-5	231-598-3	14. 16%
Sucrose	Sucrose	57-50- 1	200-334-9	2. 28%
Poly (oxy-1,2- ethanediyl), α-hydro-ω- hydroxy-Ethane-1,2-diol, ethoxylated	Poly (ethylene glycol) - 4000	25322-68-3	500-038-2	1. 33%
Potassium sodium tartrate tetrahydrate	Potassium sodium tartrate tetrahydrate	6381-59-5	613-385-0	1. 07%
Potassium chloride	Potassium chloride	7447-40-7	231-211-8	0.81%
Disodium phosphate dodecahydrate	Disodium hydrogen phosphate	10039-32-4	600-088-6	0. 63%
Glycerol	Glycerol	56-81-5	200-289-5	0. 51%
Trisodium citrate	Sodium citrate	68-04-2	200-675-3	0. 42%
Polyvinyl pyrrolidone	PVP40	9003-39-8	618-363-	0. 35%
Potassium dihydrogen orthophosphate	Potassium dihydrogen phosphate	7778-77-0	231-913-4	0.05%

4. FIRST-AID MEASURES

4.1 Description of necessary first-aid measures

General advice

Medical attention is required. Consult a doctor. Show this safety data sheet (SDS) to the doctor in attendance.

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion



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Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Specific hazards arising from the chemical

no data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities





Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Component	Sodium chloride			
CAS No.	7647- 14-5			
	Limit va	Limit value - Eight hours Limit value - Short term		
	ppm	mg/m3	ppm	mg/m3
Latvia		5		
	Remarks			

Component	Sucrose			
CAS No.		57-50- 1		
	L	Limit value - Eight hours Limit value - Short term		alue - Short term
	ppm	mg/m3	ppm	mg/m3

Component	Sucrose		
CAS No.	57-50- 1		
Australia	10 (1)		
Belgium	10		
Canada - Ontario	10		
Canada - Québec	10		
France	10		
Ireland	10	20 (1)	
New Zealand	10 (1)		
Singapore	10		
South Korea	10		
Spain	10		
USA - NIOSH	10 total dust		
	5 respirable fraction		
USA - OSHA	15 inhalable aerosol		
	5 respirable aerosol		
United Kingdom	10	20	
	Remarks		
Australia	(1) This value is for inhalable dust con	ntaining no asbestos and	



Ireland	(1) 15 minutes reference period
New Zealand	(1) The value for inhalable dust containing no asbestos and less than 1% free silica.

Component	Potassium chloride			
CAS No.	7447-40-7			
	Limit value - Eight hours Limit value - Short term			lue - Short term
	ppm	mg/m3	ppm	mg/m3
Latvia		5		
		Rem	arks	

Component			Glycerol	
CAS No.			56-81-5	
	Limit	Limit value - Eight hours		nit value - Short term
	ppm	mg/m3	ppm	mg/m3
Australia		10 (1)		
Belgium		10		
Canada - Ontario		10		
Canada - Québec		10		
Finland		20		
France		10		
Germany (AGS)		200 (1)		400 (1)(2)
Germany (DFG)		200 (1)		400 (1)(2)
Ireland		10		
New Zealand		10 (1)		

Component	Glycerol		
CAS No.	56-81-5		
Poland	10		
Singapore	10		
South Korea	10		
Spain	10		
Switzerland	50 inhalable aerosol	100 inhalable aerosol	
USA - OSHA	15 inhalable dust		
	5 respirable dust		
United Kingdom	10		
	Remarks		
Australia	(1) This value is for inhalable dust containing no asbestos and		



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Germany (AGS)	(1) Inhalable fraction (2) 15 minutes average value
Germany (DFG)	(1) Inhalable fraction (2) 15 minutes average value
New Zealand	(1) The value for inhalable dust containing no asbestos and less than 1% free silica.

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

point and boiling range

9. HYSICAL AND CHEMICAL PROPERTIES

Physical state	colorless liquid
Color	no data available
Odour	no data available
Melting/freezing point	0 °C
Boiling point or initial boiling	100°C(1;+)

Flammability no data available

100°C(lit.)

Lower and upper explosion limit/flammability limit no data available

Flash point 100°C

Auto-ignition temperature no data available

Decomposition temperature no data available

pH no data available

Kinematic viscosity no data available



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H2O: <1 mg/mL,

Solubility Ethanol: 39 mg/mL (94.5 mM),

DMSO: 76 mg/mL (184.2 mM)

N-octanol-water coefficient

partition

no data available

Vapour pressure

3 mm Hg (37 °C)

Density and/or relative density

1.000g/mL at 3.98°C(lit.)

Relative vapour density

<1 (vs air)

Particle characteristics

no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available.

10.2 Chemical stability

no data available.

10.3 Possibility of hazardous reactions

no data available.

10.4 Conditions to avoid

no data available.

10.5 Incompatible materials

no data available.

10.6 Hazardous decomposition products

no data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available





Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT-single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

no data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumlative potential

no data available

12.4 Mobility in soil

no data available

12.5 Other adverse effects

no data available





13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. TRANSPORT INFORMATION

14.1 UN Number

no data available

14.2 UN Proper Shipping Name

no data available

14.3 Transport hazard class(es)

no data available

14.4 Packing group, if applicable

no data available

14.5 Environmental hazards

no data available

14.6 Special precautions for user

no data available

14.7 Transport in bulk according to IMO instruments

no data available

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
Water	Water	7732- 18-5	231-791-2
European Inventor	Not Listed.		
		Not Listed.	





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	es Toxic Substances Contr		entory	Not Listed.
	nina Catalog of Hazardous			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)				Not Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)				Not Listed.
Vietnam National Chemical Inventory				Not Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Not Listed.	
Chemical name	Common names an	d synonyms	CAS number	EC number
Sodium chloride	Sodium chlo	oride	7647- 14-5	231-598-3
European Inventor	ry of Existing Commercial	Chemical Substan	ces (EINECS)	Not Listed.
	EC Inventory	y		Not Listed.
United Stat	es Toxic Substances Contr	ol Act (TSCA) Inv	entory	Not Listed.
Cl	nina Catalog of Hazardous	chemicals 2015		Not Listed.
Nev	w Zealand Inventory of Ch	nemicals (NZIoC)		Not Listed.
Philippines Invo	entory of Chemicals and C	Chemical Substance	s (PICCS)	Not Listed.
	Vietnam National Chemic	cal Inventory		Not Listed.
Chinese Chemical	Inventory of Existing Che	nical Substances (C	China IECSC)	Not Listed.
Chemical name	Common names an	d synonyms	CAS number	EC number
Sucrose	Sucrose	;	57-50- 1	200-334-9
	Sucrose y of Existing Commercial			200-334-9 Not Listed.
		Chemical Substan		
European Inventor	y of Existing Commercial	Chemical Substan	ces (EINECS)	Not Listed.
European Inventor United Stat	ry of Existing Commercial EC Inventory	Chemical Substance y col Act (TSCA) Inve	ces (EINECS)	Not Listed.
European Inventor United Stat	ry of Existing Commercial EC Inventory es Toxic Substances Contr	Chemical Substance Y rol Act (TSCA) Investigation of the common state of the common	ces (EINECS)	Not Listed. Not Listed. Not Listed.
European Inventor United Stat Cl	ry of Existing Commercial EC Inventory es Toxic Substances Contr nina Catalog of Hazardous	Chemical Substance of Act (TSCA) Investments 2015 memicals (NZIoC)	ces (EINECS) entory	Not Listed. Not Listed. Not Listed. Not Listed.
European Inventor United Stat Cl	EC Inventory es Toxic Substances Contr nina Catalog of Hazardous w Zealand Inventory of Ch	Chemical Substance of Act (TSCA) Investigation (NZIoC) chemical Substance	ces (EINECS) entory	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed.
European Inventor United Stat Cl Nev Philippines Inve	EC Inventory ES Toxic Substances Control ina Catalog of Hazardous V Zealand Inventory of Chemicals and C	Chemical Substance rol Act (TSCA) Investigation (NZIoC) chemical Substance cal Inventory	entory s (PICCS)	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. Not Listed.
European Inventor United Stat Cl Nev Philippines Inve	EC Inventory es Toxic Substances Contraina Catalog of Hazardous v Zealand Inventory of Chentory of Chemicals and C	Chemical Substance rol Act (TSCA) Investigation (NZIoC) chemical Substance cal Inventory mical Substances (Compared Substances)	entory s (PICCS)	Not Listed.
United Stat Cl Nev Philippines Inve Chinese Chemical 1 Chemical name Poly (oxy- 1,2-et)	EC Inventory es Toxic Substances Contraina Catalog of Hazardous v Zealand Inventory of Chentory of Chemicals and C Vietnam National Chemicals Inventory of Existing Chemicals	Chemical Substance rol Act (TSCA) Investigation (NZIoC) chemical Substance cal Inventory mical Substances (Compared Substances)	entory s (PICCS) China IECSC) CAS number	Not Listed.
United Stat Cl Nev Philippines Inve Chinese Chemical 1 Chemical name Poly (oxy- 1,2-et hydroxy- Ethane-	EC Inventory es Toxic Substances Contraina Catalog of Hazardous w Zealand Inventory of Chentory of Chemicals and C vietnam National Chemic Inventory of Existing Chemicals and C Common names and Chemicals and Che	Chemical Substance col Act (TSCA) Investigation (NZIoC) Chemical Substance cal Inventory mical Substances (Color of Supronyms Poly (ethylene gly - 4000	entory s (PICCS) China IECSC) CAS number col) 25322- 68-3	Not Listed. EC number
United Stat Cl Nev Philippines Inve Chinese Chemical 1 Chemical name Poly (oxy- 1,2-et hydroxy- Ethane-	EC Inventory es Toxic Substances Contraina Catalog of Hazardous w Zealand Inventory of Chentory of Chemicals and C vietnam National Chemicals Inventory of Existing Chemicals Common names and thanediyl), α-hydro-ω- 1,2-diol, ethoxylated	Chemical Substance col Act (TSCA) Investored Substance cal Inventory mical Substances (Color of Substances) d synonyms Poly (ethylene gly - 4000 Chemical Substance	entory s (PICCS) China IECSC) CAS number col) 25322- 68-3	Not Listed. EC number 500-038-2





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China Catalog of Hazardous chemicals 2015 New Zealand Inventory of Chemicals (NZIoC)			Not Listed.	
Philippines Inve	Not Listed.			
	Not Listed.			
Chinese Chemical I	Not Listed.			
Chemical name		Common names and synonyms	CAS number	EC number
Potassium sodium tar tetrahydrate	rtrate	Potassium sodium tartrate tetrahydrate	6381-59-5	613-385-0
European Inventor	Not Listed.			
	Not Listed.			
United States Toxic Substances Control Act (TSCA) Inventory			Not Listed.	
Ch	ina Ca	talog of Hazardous chemicals 2015		Not Listed.
New	v Zeala	nd Inventory of Chemicals (NZIoC)		Not Listed.
Philippines Inve	Not Listed.			
	Not Listed.			
Chinese Chemical I	Not Listed.			
Chemical name		Common names and synonyms	CAS number	EC number
			0120 1102110 02	
Potassium chloride		Potassium chloride	7447-40-7	231-211-8
	y of Ex	Potassium chloride isting Commercial Chemical Substance	7447-40-7	
	y of Ex		7447-40-7	231-211-8
European Inventor		isting Commercial Chemical Substan	7447-40-7 ces (EINECS)	231-211-8 Not Listed.
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European Inventor United State	es Toxio	isting Commercial Chemical Substance EC Inventory c Substances Control Act (TSCA) Inventory	7447-40-7 ces (EINECS)	231-211-8 Not Listed. Not Listed. Not Listed.
European Inventor United State Ch	es Toxio nina Ca v Zeala	isting Commercial Chemical Substance EC Inventory c Substances Control Act (TSCA) Inventog of Hazardous chemicals 2015	7447-40-7 ces (EINECS) entory	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed.
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European Inventor United State Ch New Philippines Inve	es Toxic nina Ca v Zeala entory (EC Inventory c Substances Control Act (TSCA) Inventog of Hazardous chemicals 2015 nd Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance	7447-40-7 ces (EINECS) entory	Not Listed.
European Inventor United State Ch New Philippines Inve	es Toxionina Ca v Zeala entory o Vietna	EC Inventory c Substances Control Act (TSCA) Inventalog of Hazardous chemicals 2015 nd Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance m National Chemical Inventory	7447-40-7 ces (EINECS) entory	Not Listed.
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United State Ch New Philippines Inve Chinese Chemical I Chemical name disodium hydroge phosphate European Inventor	es Toxicalina Cav Zealav Zealav Vietna Cavento	EC Inventory c Substances Control Act (TSCA) Inventory talog of Hazardous chemicals 2015 nd Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance m National Chemical Inventory ry of Existing Chemical Substances (Common names and synonyms disodium hydrogen phosphate	ratar-40-7 ces (EINECS) entory s (PICCS) China IECSC) CAS number 10039-32-4 ces (EINECS)	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. Listed. Not Listed. Not Listed.





New Zealar	Not Listed.		
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Not Listed.
Vietnam National Chemical Inventory			Not Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Not Listed.
Chemical name	Common names and synonyms	CAS number	EC number
Glycerol	Glycerol	56-81-5	200-289-5
European Inventory of Ex	Not Listed.		
EC Inventory			Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Not Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zeala	and Inventory of Chemicals (NZIoC)		Not Listed.
Philippines Inventory	Not Listed.		
Vietna	Not Listed.		
Chinese Chemical Invento	Not Listed.		
Chemical name	Common names and synonyms	CAS number	EC number
Trisodium citrate	Sodium citrate	68-04-2	200-675-3
European Inventory of Ex	Not Listed.		
	Not Listed.		
United States Tox	NT (T') 1		
	te Bubblances Control Net (15CH) mv	entory	Not Listed.
	ntalog of Hazardous chemicals 2015	citory	Not Listed. Not Listed.
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China Ca New Zeala	ntalog of Hazardous chemicals 2015		Not Listed.
China Ca New Zeala Philippines Inventory	ntalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC)		Not Listed. Not Listed.
China Ca New Zeala Philippines Inventory Vietna	ntalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance	s (PICCS)	Not Listed. Not Listed. Not Listed.
China Ca New Zeala Philippines Inventory Vietna	ntalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory	s (PICCS)	Not Listed. Not Listed. Not Listed. Not Listed.
China Ca New Zeala Philippines Inventory Vietna Chinese Chemical Inventor	ntalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory ory of Existing Chemical Substances (C	s (PICCS) China IECSC)	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed.
China Ca New Zeala Philippines Inventory Vietna Chinese Chemical Inventor Chemical name Polyvinyl pyrrolidone	ntalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory ory of Existing Chemical Substances (Common names and synonyms	s (PICCS) China IECSC) CAS number 9003-39-8	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. EC number
China Ca New Zeala Philippines Inventory Vietna Chinese Chemical Inventor Chemical name Polyvinyl pyrrolidone	ntalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory ory of Existing Chemical Substances (Common names and synonyms PVP40	s (PICCS) China IECSC) CAS number 9003-39-8	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. EC number 618-363-4
China Ca New Zeala Philippines Inventory Vietna Chinese Chemical Inventor Chemical name Polyvinyl pyrrolidone European Inventory of Ex	ntalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory ory of Existing Chemical Substances (Common names and synonyms PVP40 xisting Commercial Chemical Substance	cs (PICCS) China IECSC) CAS number 9003-39-8 ces (EINECS)	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. EC number 618-363-4 Not Listed.
China Ca New Zeala Philippines Inventory Vietna Chinese Chemical Inventor Chemical name Polyvinyl pyrrolidone European Inventory of Ex United States Tox	atalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory ory of Existing Chemical Substances (Common names and synonyms PVP40 sisting Commercial Chemical Substance EC Inventory	cs (PICCS) China IECSC) CAS number 9003-39-8 ces (EINECS)	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. EC number 618-363-4 Not Listed. Not Listed.
China Ca New Zeala Philippines Inventory Vietna Chinese Chemical Inventor Chemical name Polyvinyl pyrrolidone European Inventory of Ex United States Tox China Ca	atalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory ory of Existing Chemical Substances (Common names and synonyms PVP40 xisting Commercial Chemical Substance EC Inventory ic Substances Control Act (TSCA) Inventory	cs (PICCS) China IECSC) CAS number 9003-39-8 ces (EINECS)	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. EC number 618-363-4 Not Listed. Not Listed. Not Listed. Not Listed.
China Ca New Zeala Philippines Inventory Vietna Chinese Chemical Inventor Chemical name Polyvinyl pyrrolidone European Inventory of Ex United States Tox China Ca New Zeala	atalog of Hazardous chemicals 2015 and Inventory of Chemicals (NZIoC) of Chemicals and Chemical Substance am National Chemical Inventory ory of Existing Chemical Substances (Common names and synonyms PVP40 axisting Commercial Chemical Substance EC Inventory or Substances Control Act (TSCA) Inventalog of Hazardous chemicals 2015	s (PICCS) China IECSC) CAS number 9003-39-8 ces (EINECS)	Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. Not Listed. EC number 618-363-4 Not Listed. Not Listed. Not Listed. Not Listed. Not Listed.



Chinese Chemical Inventory of F	Not Listed.		
Chemical name	Common names and synonyms	CAS number	EC number
Potassium dihydrogen orthophosphate	Potassium dihydrogen phosphate	7778-77-0	231-913-4
European Inventory of Existing	Not Listed.		

EC Inventory Not Listed.

United States Toxic Substances Control Act (TSCA) Inventory Not Listed.

China Catalog of Hazardous chemicals 2015 Not Listed.

New Zealand Inventory of Chemicals (NZIoC)

Not Listed.

Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Not Listed.

Vietnam National Chemical InventoryNot Listed.

Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)

Not Listed.

16. OTHER INFORMATION

Abbreviations and acronyms

- CAS: Chemical Abstracts Service
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transportation Association
- TWA: Time Weighted Average
- STEL: Short term exposure limit
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- EC50: Effective Concentration 50%

References

IPCS - The International Chemical Safety Cards (ICSC), website:

http://www.ilo.org/dyn/icsc/showcard.home

HSDB - Hazardous Substances Data Bank, website: https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm

IARC - International Agency for Research on Cancer, website: http://www.iarc.fr/

eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en

CAMEO Chemicals, website: http://came°Chemicals.noaa.gov/search/simple

ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp



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ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: http://www.phmsa.dot.gov/hazmat/library/erg Germany GESTIS-database on hazard substance, website: http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp

ECHA - European Chemicals Agency, website: https://echa.europa.eu/

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