

Plaza Plus ProX Sealer / Finish

Revision: 2024-11-27

Version: 01.0

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

1.1 Product identifier

Trade name: Plaza Plus ProX Sealer / Finish

1.2 Recommended use and restrictions on use

See product label.
For professional use only.

1.3 Details of the supplier of the safety data sheet

SOLENIS VIETNAM COMPANY LIMITED

Contact details

Level 4&5, M-Building, Lot C7B-02A, Block A, No.9 Street 8, Zone Saigon South New Urban Area, Tan Phu Ward, District 7, Ho Chi Minh City, VIETNAM
Tel. 0314996293

1.4 Emergency telephone number

In case of medical emergency, please seek professional medical advice.

SECTION 2: Composition/information on ingredients

2.1 Substances / Mixtures

Ingredient(s)	CAS number	EC number	Classification	Weight percent
2-(2-ethoxyethoxy)ethanol	111-90-0	203-919-7	Acute toxicity - Oral, Category 5 (H303)	1-3
tris(2-butoxyethyl) phosphate	78-51-3	201-122-9	Acute aquatic toxicity, Category 3 (H402)	1-3
Carbonic acid, ammonium zinc salt (2:2:1)	40861-29-8	255-118-7	Skin corrosion, Category 1C (H314) Acute toxicity - Oral, Category 4 (H302) Serious eye damage, Category 1 (H318)	1-3
Trade Secret	-	[4]	Acute toxicity - Oral, Category 4 (H302) Serious eye damage, Category 1 (H318) Acute aquatic toxicity, Category 1 M=1 (H400) Chronic aquatic toxicity, Category 3 (H412)	0.1-1
ammonia	1336-21-6	215-647-6	Skin corrosion, Category 1B (H314) Specific target organ toxicity - Single exposure, Category 3 (H335) Serious eye damage, Category 1 (H318) Acute aquatic toxicity, Category 1 M=1 (H400) Chronic aquatic toxicity, Category 2 (H411)	0.1-1

Workplace exposure limit(s), if available, are listed in subsection 8.1.
ATE, if available, are listed in section 11.

SECTION 3: Hazards identification

3.1 Classification of the substance or mixture

Skin irritation, Category 2
Eye irritation, Category 2A
Acute aquatic toxicity, Category 3

3.2 Label elements



Signal word: Warning.

Hazard statements:

H315 + H319 - Causes skin and serious eye irritation.
H402 - Harmful to aquatic life.

Plaza Plus ProX Sealer / Finish

3.3 Other hazards

No other hazards known. Exposure and appropriate engineering controls are specified in subsection 8.2 exposure controls.

SECTION 4: First aid measures**4.1 Description of first aid measures**

Inhalation:	Get medical attention or advice if you feel unwell.
Skin contact:	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
Eye contact:	Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.
Ingestion:	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
Self-protection of first aider:	Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No known effects or symptoms in normal use.
Skin contact:	Causes irritation.
Eye contact:	Causes severe irritation.
Ingestion:	No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Repeated or prolonged contact: Wear suitable gloves.

6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

6.3 Methods and material for containment and cleaning up

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advice on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

Plaza Plus ProX Sealer / Finish

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

Ingredient(s)	Long term value(s)	Short term value(s)
ammonia	17 mg/m ³	25 mg/m ³

Biological limit values, if available:

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: No special requirements under normal use conditions.
Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment**Eye / face protection:**

Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 16321 / EN 166).

Hand protection:

Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary. Repeated or prolonged contact: Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature. Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm
 Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm
 In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

Body protection:

No special requirements under normal use conditions.

Respiratory protection:

No special requirements under normal use conditions.

Environmental exposure controls:

No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state: Liquid

Colour: Milky , White

Odour: Glycol Ether

Odour threshold: Not applicable

pH: ≈ 9 (neat)

Melting point/freezing point (°C): Not determined

Initial boiling point and boiling range (°C): Not determined

Method / remark

ISO 4316

Not relevant to classification of this product

Flammability (liquid): Not flammable.

Flash point (°C): > 93 °C

closed cup

Sustained combustion: Not applicable.

(UN Manual of Tests and Criteria, section 32, L.2)

Evaporation rate: Not determined

Not relevant to classification of this product

Flammability (solid, gas): Not applicable to liquids

Lower and upper explosion limit/flammability limit (%): Not determined

Vapour pressure: Not determined

Relative density: ≈ 1.03 (20 °C)

OECD 109 (EU A.3)

Relative vapour density: No data available.

Not relevant to classification of this product

Plaza Plus ProX Sealer / Finish

Particle characteristics: No data available.
Solubility in / Miscibility with water: Fully miscible
Partition coefficient: n-octanol/water No information available.

Not applicable to liquids.

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Autoignition temperature: Not determined
Decomposition temperature: Not applicable.
Kinematic viscosity: Not determined
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined
Corrosion to metals: Not corrosive

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixture data: .

Relevant calculated ATE(s):

ATE - Oral (mg/kg): >5000

Substance data, where relevant and available, are listed below:.

Acute toxicity

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
2-(2-ethoxyethoxy)ethanol	LD ₅₀	5540	Rat	Method not given	
tris(2-butoxyethyl) phosphate	LD ₅₀	> 2000	Rat	Method not given	
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
Trade Secret	LD ₅₀	2000	Rat		
ammonia	LD ₅₀	350	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
2-(2-ethoxyethoxy)ethanol	LD ₅₀	5940	Rat	Method not given	
tris(2-butoxyethyl) phosphate	LD ₅₀	> 5000	Rat	Method not given	
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
Trade Secret	LD ₅₀	2800	Rabbit		
ammonia		No data			

Plaza Plus ProX Sealer / Finish

		available		
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Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2-(2-ethoxyethoxy)ethanol	LC ₀	> 5.24 (mist)	Rat	OECD 403 (EU B.2)	8
tris(2-butoxyethyl) phosphate	LC ₀	> 6.4 (mist)	Rat	OECD 403 (EU B.2)	4
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
Trade Secret		No data available			
ammonia	LC ₅₀	7.035	Rat	Method not given	0.5

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2-(2-ethoxyethoxy)ethanol	No data available			
tris(2-butoxyethyl) phosphate	Not irritant	Rabbit	Method not given	
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
Trade Secret	No data available			
ammonia	Corrosive		Method not given	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2-(2-ethoxyethoxy)ethanol	No data available			
tris(2-butoxyethyl) phosphate	Not corrosive or irritant	Rabbit	Method not given	
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
Trade Secret	Severe damage	Rabbit		
ammonia	Severe damage		Method not given	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2-(2-ethoxyethoxy)ethanol	No data available			
tris(2-butoxyethyl) phosphate	No data available			
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
Trade Secret	No data available			
ammonia	Irritating to respiratory tract		Method not given	

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
2-(2-ethoxyethoxy)ethanol	Not sensitising		Method not given	
tris(2-butoxyethyl) phosphate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
Trade Secret	No data available			
ammonia	Not sensitising		Method not given	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
2-(2-ethoxyethoxy)ethanol	No data available			
tris(2-butoxyethyl) phosphate	No data available			
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
Trade Secret	No data available			
ammonia	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
2-(2-ethoxyethoxy)ethanol	No data available		No data available	
tris(2-butoxyethyl) phosphate	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 476 (Chinese Hamster)	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12)

Plaza Plus ProX Sealer / Finish

		Ovary) OECD 476 (HGPRT)	
Carbonic acid, ammonium zinc salt (2:2:1)	No data available		No data available
Trade Secret	No data available		No data available
ammonia	No evidence for mutagenicity		No evidence for mutagenicity

Carcinogenicity

Ingredient(s)	Effect
2-(2-ethoxyethoxy)ethanol	No data available
tris(2-butoxyethyl) phosphate	No data available
Carbonic acid, ammonium zinc salt (2:2:1)	No data available
Trade Secret	No data available
ammonia	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
2-(2-ethoxyethoxy)ethanol			No data available				
tris(2-butoxyethyl) phosphate			No data available		Not known		No evidence for reproductive toxicity
Carbonic acid, ammonium zinc salt (2:2:1)			No data available				
Trade Secret			No data available				
ammonia			No data available				No evidence for reproductive toxicity

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
2-(2-ethoxyethoxy)ethanol		No data available				
tris(2-butoxyethyl) phosphate	NOAEL	20	Rat	Method not given	non-standard	
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
Trade Secret		No data available				
ammonia	NOAEL	68		Method not given		

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
2-(2-ethoxyethoxy)ethanol		No data available				
tris(2-butoxyethyl) phosphate	NOAEL	1000	Rabbit	Method not given	21	
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
Trade Secret		No data available				
ammonia		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
2-(2-ethoxyethoxy)ethanol		No data available				
tris(2-butoxyethyl) phosphate		No data available				
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
Trade Secret		No data available				
ammonia		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
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Plaza Plus ProX Sealer / Finish

2-(2-ethoxyethoxy)ethanol			No data available				
tris(2-butoxyethyl) phosphate			No data available				
Carbonic acid, ammonium zinc salt (2:2:1)			No data available				
Trade Secret			No data available				
ammonia			No data available				

STOT-single exposure

Ingredient(s)	Affected organ(s)
2-(2-ethoxyethoxy)ethanol	No data available
tris(2-butoxyethyl) phosphate	Not applicable
Carbonic acid, ammonium zinc salt (2:2:1)	No data available
Trade Secret	No data available
ammonia	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
2-(2-ethoxyethoxy)ethanol	No data available
tris(2-butoxyethyl) phosphate	Not applicable
Carbonic acid, ammonium zinc salt (2:2:1)	No data available
Trade Secret	No data available
ammonia	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2-(2-ethoxyethoxy)ethanol	LC ₅₀	> 100	<i>Pimephales promelas</i>	Method not given	96
tris(2-butoxyethyl) phosphate	LC ₅₀	24	<i>Oncorhynchus mykiss</i> Various species	Method not given	96
Carbonic acid, ammonium zinc salt (2:2:1)	LC ₅₀	No data available			
Trade Secret		No data available			
ammonia	LC ₅₀	0.56 - 2.48	Fish	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2-(2-ethoxyethoxy)ethanol	EC ₅₀	1982	<i>Daphnia magna</i> Straus	Method not given	48
tris(2-butoxyethyl) phosphate	EC ₅₀	53	<i>Daphnia magna</i> Straus	Method not given	48
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
Trade Secret		No data available			
ammonia	EC ₅₀	1.1 - 22.8	<i>Daphnia magna</i> Straus	Method not given	

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value	Species	Method	Exposure
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Plaza Plus ProX Sealer / Finish

		(mg/l)			time (h)
2-(2-ethoxyethoxy)ethanol	EC ₅₀	14861	<i>Pseudokirchneriella subcapitata</i>	Method not given	72
tris(2-butoxyethyl) phosphate	EC ₅₀	61	<i>Pseudokirchneriella subspicitata</i>	Method not given	48
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
Trade Secret		No data available			
ammonia		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
2-(2-ethoxyethoxy)ethanol		No data available			
tris(2-butoxyethyl) phosphate		No data available			
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
Trade Secret		No data available			
ammonia		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
2-(2-ethoxyethoxy)ethanol	EC ₅₀	> 5000		Method not given	16 hour(s)
tris(2-butoxyethyl) phosphate	EC ₅₀	> 1000	<i>Activated sludge</i>	Method not given	3 hour(s)
Carbonic acid, ammonium zinc salt (2:2:1)		No data available			
Trade Secret		No data available			
ammonia		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
2-(2-ethoxyethoxy)ethanol		No data available				
tris(2-butoxyethyl) phosphate		No data available				
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
Trade Secret		No data available				
ammonia		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
2-(2-ethoxyethoxy)ethanol		No data available				
tris(2-butoxyethyl) phosphate		No data available				
Carbonic acid, ammonium zinc salt (2:2:1)		No data available				
Trade Secret		No data available				
ammonia		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT ₅₀	Method	Evaluation
2-(2-ethoxyethoxy)ethanol			90 % in 28 day(s)	OECD 301E	Readily biodegradable
tris(2-butoxyethyl) phosphate			87 % in 28 day(s)	OECD 301B	Readily biodegradable
Carbonic acid, ammonium zinc salt (2:2:1)					Not applicable (inorganic substance)
Trade Secret					No data available
ammonia					Not applicable (inorganic substance)

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log K_{ow})

Ingredient(s)	Value	Method	Evaluation	Remark
2-(2-ethoxyethoxy)ethanol	-0.8	Method not given	No bioaccumulation expected	
tris(2-butoxyethyl) phosphate	3.75	Method not given	No bioaccumulation expected	
Carbonic acid, ammonium zinc salt (2:2:1)	No data available			
Trade Secret	No data available			
ammonia	0.23	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
2-(2-ethoxyethoxy)ethanol	No data available				
tris(2-butoxyethyl) phosphate	5.8		Method not given	No bioaccumulation expected	
Carbonic acid, ammonium zinc salt (2:2:1)	No data available				
Trade Secret	No data available				
ammonia	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log K _{oc}	Desorption coefficient Log K _{oc} (des)	Method	Soil/sediment type	Evaluation
2-(2-ethoxyethoxy)ethanol	No data available				High potential for mobility in soil
tris(2-butoxyethyl) phosphate	2.5		Method not given		Mobile in soil
Carbonic acid, ammonium zinc salt (2:2:1)	No data available				
Trade Secret	No data available				
ammonia	No data available				Low mobility in soil

12.5 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

Plaza Plus ProX Sealer / Finish

13.1 Waste treatment methods**Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging**Recommendation:**

Dispose of observing national or local regulations.

Suitable cleaning agents:

Water, if necessary with cleaning agent.

SECTION 14: Transport information**Land transport, Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Non-dangerous goods

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

- Decree 108/2008/NP-CP Circular No.: 04/2012/TT-BCT Regulations on the Classification and Labeling of Chemicals

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MS4800566

Version: 01.0

Revision: 2024-11-27

Abbreviations and acronyms:

- ATE - Acute Toxicity Estimate
- DNEL - Derived No Effect Limit
- EC50 - effective concentration, 50%
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PNEC - Predicted No Effect Concentration
- STOT-RE - Specific target organ toxicity (repeated exposure)
- STOT-SE - Specific target organ toxicity (single exposure)
- H302 - Harmful if swallowed.
- H303 - May be harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H318 - Causes serious eye damage.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.
- H402 - Harmful to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.
- H412 - Harmful to aquatic life with long lasting effects.

End of Safety Data Sheet