SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended

PHOSPHORIC ACID 75% - CAN 25KG- ref A02915

Version 4.1 Print Date 02.10.2026

Revision date / valid from 23.09.2026

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

1.1. Product identifier

Trade name	:	PHOSPHORIC ACID 75% - CAN 25KG
Substance name	:	phosphoric acid
Index-No.	:	015-011-00-6
CAS-No.	:	7664-38-2
EC-No.	:	231-633-2
EU REACH-Reg. No.	:	01-2119485924-24-xxxx
UFI	:	Q4K9-20JE-W00N-GCNM
UFI code notified in	:	Austria, Belgium, Germany, Denmark, Estonia, Spain, Finland, France, Croatia, Ireland, Iceland, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Portugal, Sweden

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

Use of the Substance/Mixture	:	Identified use: See table in front of appendix for a complete overview of identified uses.
Uses advised against	:	At this moment we have not identified any uses advised against
Remarks	:	Before referring to any Exposure Scenario attached to this Safety Data Sheet please check the grade of the product: the Exposure Scenarios presented are not related to all product grade

1.3. Details of the supplier of the safety data sheet

Company	:	Indufarm N.V. Leon Bekaertstraat 5 BE 8770 Ingelmunster
Telephone	:	+32 (0)51 -624245
E-mail address	:	contact@indufarm.com
Responsible/issuing person	:	Master Data Administration

1.4. Emergency telephone number

Emergency telephone number : Belgium: Antipoison Center - Brussels TEL: +32(0)70 245 245

Netherland: National Poisoning Information Center - Bilthoven TEL: +31(0) 88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008

Hazard class	Hazard category	Target Organs	Hazard statements
Corrosive to metals	Category 1	---	H290
Acute toxicity (Oral)	Category 4	---	H302
Skin corrosion	Sub-category 1B	---	H314
Serious eye damage	Category 1	---	H318

For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

Human Health : See section 11 for toxicological information.

Physical and chemical hazards : See section 9/10 for physicochemical information.

Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.

		H302	Harmful if swallowed.
		H314	Causes severe skin burns and eye damage.
Precautionary statements			
Prevention	:	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	:	P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
		P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
		P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
		P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
		P390	Absorb spillage to prevent material damage.

Hazardous components which must be listed on the label:

- phosphoric acid

2.3. Other hazards

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical nature : Aqueous solution

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008) Hazard class / Hazard category	Hazard statements
phosphoric acid			
Index-No. : 015-011-00-6 CAS-No. : 7664-38-2 EC-No. : 231-633-2 EU REACH-Reg. No. : 01-2119485924-24-xxxx	>= 74 - <= 76	Met. Corr.1 Acute Tox.4 Oral Skin Corr.1B Eye Dam.1 specific concentration limit Skin Irrit. 2; H315 10 - < 25 % Eye Irrit. 2; H319 10 - < 25 % Skin Corr. 1B; H314 >= 25 % Acute toxicity estimate Acute oral toxicity: 500 mg/kg Acute dermal toxicity: 2740 mg/kg Note B	H290 H302 H314 H318

For the full text of the H-Statements mentioned in thisSection, see Section 16.
For the full text of the Notes mentioned in this Section,see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : Take off all contaminated clothing immediately. If symptoms occur call a physician.

If inhaled : In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

In case of skin contact : Wash off immediately with soap and plenty of water. Call a physician immediately.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.

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

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

Effects	: Extremely corrosive and destructive to tissue. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach. See Section 11 for more detailed information on health effects and symptoms.

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

Treatment	: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Water spray, foam, dry powder or CO2.
Unsuitable extinguishing media	:	High volume water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting	:	Gives off hydrogen by reaction with metals. Risk of explosion. Decomposes on heating.
Hazardous combustion products	:	Oxides of phosphorus, phosphine, The formation of caustic fumes is possible.

5.3. Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.Wear appropriate body protection (full protective suit)
Specific extinguishing methods	:	Control smoke with water spray.
Further advice	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	: Keep away unprotected persons. Use personal protective equipment. Ensure adequate ventilation. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist.

6.2. Environmental precautions

Environmental precautions	: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities. If material reaches soil inform authorities responsible for such cases.

6.3. Methodsandmaterialsfor containment and cleaning up

Methods and materials for containment and cleaning up	: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.
Further information	: Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on personal protective equipment.
See Section 13 for waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	:Keep container tightly closed. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Use respirator with appropriate filter if vapours or aerosol are released. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.
Hygiene measures	: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	: Keep in an area equipped with acid resistant flooring. Store in original container. Suitable materials for containers: Polypropylene; polyethylene; Unsuitable materials for containers: Metals
Advice on protection against fire and explosion	: The product is not flammable. Normal measures for preventive fire protection. Gives off hydrogen by reaction with metals. Risk of explosion.
Further information on storage conditions	: Keep tightly closed in a dry and cool place. Keep in a well-ventilated place. Avoid moisture. Product is hygroscopic.
Advice on common storage	: Keep away from food, drink and animal feeding stuffs. Incompatible with bases.

7.3. Specific end use(s)

Specific use(s)	: Identified use: See table in front of appendix for a complete overview of identified uses.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Component: **phosphoric acid** **CAS-No. 7664-38-2**

EU Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL Workers, Acute - local effects, Inhalation	:	2mg/m3
DNEL Workers, Long-term - local effects, Inhalation	:	1mg/m3
DNEL Workers, Long-term - systemic effects, Inhalation	:	10,7 mg/m3
DNEL Consumers, Long-term - local effects, Inhalation	:	0,36 mg/m3
DNEL Consumers, Long-term - systemic effects, Inhalation	:	4,57 mg/m3
DNEL Consumers, Long-term - systemic effects, Skin contact	:	0,1 mg/kg bw/day

EU Predicted No Effect Concentration (PNEC)

No PNEC value was derived. :

Other Occupational Exposure Limit Values

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):
1 mg/m3
Indicative

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Short Term Exposure Limit (STEL):
2 mg/m3
Indicative

Belgium. OELs. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1, as amended, Time Weighted Average (TWA):
1 mg/m3

Belgium. OELs. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1, as amended, Short Term Exposure Limit (STEL):
2 mg/m3, (15 minutes)

Netherlands. OELs (binding) per Annex XIII of Working Conditions Regulation, as amended,

Short Term Exposure Limit (STEL):
2 mg/m3, (15 minutes)

Netherlands. OELs (binding) per Annex XIII of Working Conditions Regulation, as amended, Time Weighted Average (TWA):
1 mg/m3

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):
1 mg/m3
Indicative

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Short Term Exposure Limit (STEL):
2mg/m3
Indicative

8.2. Exposure controls

Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection

Advice	:	Required, if exposure limit is exceeded (e.g. OEL). Recommended Filter type: Combination filter:B-P2 Equipment should conform to EN 14387

Hand protection

Advice	:	Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Protective gloves should be replaced at first signs of wear.
Material	:	Natural Rubber
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Material	:	polychloroprene
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Material	:	Nitrile rubber
Break through time	:	>= 8 h
Glove thickness	:	0,35 mm

Material	:	butyl-rubber
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Material	:	Fluorinated rubber
Break through time	:	>= 8 h
Glove thickness	:	0,4 mm

Material	:	Polyvinylchloride
Break through time	:	>= 8 h
Glove thickness	:	0,5 mm

Eye protection

Advice	:	Tightly fitting safety goggles Equipment should conform to ISO 16321-1. Face-shield

Skin and body protection

Protecting Clothes	:	Acid resistant protective clothing.

Environmental exposure controls

General advice	:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities. If material reaches soil inform authorities responsible for such cases.

SECTION 9: Physical and chemical properties

9.1Informationonbasicphysical andchemicalproperties

Form	:	liquid
Physical state	:	liquid
Colour	:	colourless
Odour	:	odourless
Odour Threshold	:	Not applicable
Freezing point/range	:	-20 °C 75% solution
Boiling point/boiling range	:	135 °C 75% solution
Flammability (solid, gas)	:	Product is a liquid, see section 9.2.

Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Notapplicable
Auto-ignition temperature	:	Nodata available
Decomposition temperature	:	Nodata available
Self-Accelerating decomposition temperature (SADT)	:	Nodata available
pH	:	0-1(20 °C) Concentration: 100 % Method: (calculated)
Viscosity		
Viscosity, dynamic	:	2,0 - 32 mPa.s (30 °C)
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Solubility(ies)		
Water solubility	:	completely miscible
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Dispersion Stability	:	No data available
Vapour pressure	:	0,04 hPa (20 °C) anhydrous substance 2 hPa (20 °C)
Relative density	:	85% solution
Density	:	No data available 1,631 g/cm3 (20 °C) 80% solution
Bulk density	:	1,55 - 1,60 g/cm3 (20 °C)
Relative vapour density	:	No data available 3,4 (20 °C) Heavier than air.

Particle characteristics

Assessment	:	This substance/ mixture does not contain nanoforms (according to REACH Regulation)
Particle size	:	Not applicable

9.2Otherinformation

Explosives	:	Product is not explosive. May release hydrogen by reaction with metals.
Flammability (liquids)	:	non-combustible
Corrosion to metals	:	Corrosive to metals
Evaporation rate	:	not determined
Molecular weight	:	98 g/mol

SECTION 10: Stability and reactivity

10.1. Reactivity

Advice : No decomposition if used as directed.

10.2. Chemical stability

Advice : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Gives off hydrogen by reaction with metals. Risk of explosion.

10.4. Conditions to avoid

Conditions to avoid : Heat, flames and sparks.
Thermal decomposition : No data available

10.5. Incompatible materials

Materials to avoid : Strong oxidizing agents, alkalis, Metals, Bases

10.6. Hazardous decomposition products

Hazardous decomposition products : Fire may cause evolution of: phosphine, Oxides of phosphorus, Combustion produces caustic fumes.

SECTION 11: Toxicological information

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

Data for the product

Acute toxicity

Oral

Acute toxicity estimate	:	657,9 - 675,7 mg/kg) (Calculation method)Classified based on the calculation method according to CLP regulation.

Inhalation

Not classified based on the calculation method according to CLP regulation.

Derma l

Not classified based on the calculation method according to CLP regulation.

Irritation

Skin

Result	:	Classified based on the calculation method according to CLP regulation.

Eyes

Result	:	Classified based on the calculation method according to CLP regulation.

Sensitisation

Result	:	Not classified based on the calculation method according to CLP regulation.

CMR effects

CMR Properties

Carcinogenicity	:	Not classified based on the calculation method according to CLP regulation.
Mutagenicity	:	Not classified based on the calculation method according to CLP regulation.
Reproductive toxicity	:	Not classified based on the calculation method according to CLP regulation.

SpecificTargetOrgan Toxicity

Single exposure

Remarks	:	Not classified based on the calculation method according to CLP regulation.

Repeated exposure

Remarks	:	Not classified based on the calculation method according to CLP regulation.

Other toxic properties

Repeated dose toxicity

No data available

Aspiration hazard

Not applicable,

Component: **phosphoric acid** **CAS-No. 7664-38-2**

Acute toxicity

Oral

No valid data available.

Inhalation

No valid data available.

Dermal

LD50 : 2740 mg/kg (Rabbit)

Irritation

Skin

Result : corrosive effects (Rabbit; 24 h)

Eyes

Result : corrosive effects (Rabbit)

Sensitisation

Result : No data available

CMR effects

CMR Properties

Carcinogenicity : It is not considered carcinogenic.
Mutagenicity : In vitro tests did not show mutagenic effects
Teratogenicity : Did not show teratogenic effects in animal experiments.
Reproductive toxicity : Animal testing did not show any effects on fertility.

Genotoxicity in vitro

Result	:	negative (Bacterial Reverse Mutation Test; Salmonella typhimurium; with and without metabolic activation) (OECD Test Guideline 471) negative (Bacterial Reverse Mutation Test; Escherichia coli; with and without metabolic activation) (OECD Test Guideline 471) negative (Chromosome aberration test in vitro; Human lymphocytes; with and without metabolic activation) (OECD Test Guideline 473) negative (In vitro gene mutation study in mammalian cells; mouse lymphoma cells; with and without metabolic activation) (OECD Test Guideline 476)

Teratogenicity

NOAEL Maternal	:	>= 410 mg/kg bw/day
NOAEL Develop.	:	>= 410 mg/kg bw/day (Rat, wistar)(Oral; 4.1, 19.0, 88.3, 410.0 mg/kg)(OECD Test Guideline 414)No adverse effectsRead-across (Analogy)

Reproductive toxicity

NOAEL F1	:	>= 500 mg/kg bw/day (Rat, Sprague-Dawley, male and female)(Oral; 0, 125, 250, 500 mg/kg bw/day)(OECD Test Guideline 422)

Specific Target Organ Toxicity

Single exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Repeated dose toxicity

NOAEL	:	250 mg/kg bw/day (Rat)(Oral; 90-day) (OECD Test Guideline 422)

Aspiration hazard

Not applicable,

11.2. Information on other hazards

Data for the product

Endocrine disrupting properties

Assessment Endocrine Disrupting Properties	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Component: phosphoric acid CAS-No. 7664-38-2

Endocrine disrupting properties

Assessment Endocrine Disrupting Properties	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Component: phosphoric acid CAS-No. 7664-38-2

Acute toxicity

Fish

Dose descriptor: median lethal pH	:	100% mortality at pH 3 (Lepomis macrochirus, Swimming behavior; 96 h) (Analytical monitoring: no)

Toxicity to daphnia and other aquatic invertebrates

EC50	:	> 100 mg/l (Daphnia magna (Water flea); 48 h) (static test; OECD Test Guideline 202)

algae

NOEC	:	100 mg/l (Desmodesmus subspicatus; 72 h) (static test; End point: Growth rate; OECD Test Guideline 201)
EC50		> 100 mg/l (Desmodesmus subspicatus; 72 h) (static test; End point: Growth rate; OECD Test Guideline 201)

Bacteria

EC50	:	> 1000 mg/l (activated sludge; 3 h) (OECD Test Guideline 209)

12.2. Persistence and degradability

Component: **phosphoric acid** **CAS-No. 7664-38-2**

Persistence and degradability

Persistence

Result	:	(Related to: Water) Inorganic product which is not removable from water by biological processes.

Biodegradability

Result	:	The methods for determining the biological degradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

Component: **phosphoric acid** **CAS-No. 7664-38-2**

Bioaccumulation

Result	:	Not relevant

12.4. Mobility in soil

Component: **phosphoric acid** **CAS-No. 7664-38-2**

Mobility

Water	:	The product is water soluble.
Air	:	Low volatile liquid

12.5. Results ofPBTandvPvB assessment

Data for the product

Results of PBT and vPvB assessment

Result : The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Component: phosphoric acid CAS-No. 7664-38-2

Results of PBT and vPvB assessment

Result : The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

12.6. Endocrine disrupting properties

Data for the product

Assessment Endocrine Disrupting Properties : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Component: phosphoric acid CAS-No. 7664-38-2

Assessment Endocrine Disrupting Properties : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Component: phosphoric acid CAS-No. 7664-38-2

Additional ecological information

Result : Harmful effects to aquatic organisms also due to pH-shift. Solutions with low pH-value must be neutralized before discharge.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services. This product shall be disposed of or recovered in compliance with Directive 2008/98/EC on waste as lastly amended.

Contaminated packaging	:	Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.
European Waste Catalogue Number	:	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

14.1. UN number or ID number

1805

14.2. UN proper shipping name

ADR : PHOSPHORIC ACID, SOLUTION :
RID PHOSPHORIC ACID, SOLUTION :
IMDG PHOSPHORIC ACID SOLUTION

14.3. Transport hazard class(es)

ADR-Class	: 8
(Labels; Classification Code; Hazard Identification Number; Tunnel restriction code)	8; C1; 80; (E)
RID-Class	: 8
(Labels; Classification Code; Hazard Identification Number)	8; C1; 80
IMDG-Class	: 8
(Labels; EmS)	8; F-A, S-B

14.4. Packaging group

ADR : III
RID : III
IMDG : III

14.5. Environmental hazards

Environmentally hazardous according to ADR	: no :
Environmentally hazardous according to RID	no :
Marine Pollutant according to IMDG-Code	no

14.6. Special precautions for user

Not applicable.

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

Data for the product

EU. Chemicals Subject to Export Notification: Annex 1, Part 1, Regulation 649/2012/EU on export and import of dangerous chemicals, as amended	:	; The substance/mixture does not fall under this legislation.
EU. REACH, Annex XVII, Restrictions on manufacture, placing on the market and use of certain dangerous substances, 1907/2006/EC, as amended	:	Point Nos.: , 3; Listed Point Nos.: , 75; Listed
EU. Directive 2012/18/EU on major accident hazards involving dangerous substances, Annex I, as amended	:	; The substance/mixture does not fall under this legislation.
Other regulations	:	SDS updated according to Regulation (EU) 2020/878

Component: phosphoric acid CAS-No. 7664-38-2

EU. Chemicals Subject to Export Notification: Annex 1, Part 1, Regulation 649/2012/EU on export and import of dangerous chemicals, as amended	:	; The substance/mixture does not fall under this legislation.
EU. REACH, Annex XVII,	:	Point Nos.: , 75; Listed

Restrictions on manufacture, placing on the market and use of certain dangerous substances, 1907/2006/EC, as amended		
EU. Directive 2012/18/EU on major accident hazards involving dangerous substances, Annex I, as amended	:	; The substance/mixture does not fall under this legislation.

Notification status phosphoric acid:

Regulatory List	Notification	Notification number
AICS	YES	
DSL	YES	
EINECS	YES	231-633-2
ENCS (JP)	YES	(1)-422
IECSC	YES	
INSQ	YES	
ISHL (JP) KECI (KR) NZIOC	YES	(1)-422 KE-27427
NZIOC	YES	HSR001545
ONT INV	YES	HSR001571
PICCS (PH)	YES	
TCSI	YES	
TH INV	YES	
TH INV	YES	2809.20
TSCA	YES	55-1-05959
VN INVL	YES	
	YES	

15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

Full text of the Notes referred to under section 3.

Note B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: "nitric acid ...%". In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Abbreviations and Acronyms

AU AIICL	Australia. Industrial Chemicals Act (AIIC) List
BCF	bioconcentration factor
BOD	biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
DSL	Canada. Environmental Protection Act, Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ENCS (JP)	Japan. Kashin-Hou Law List
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IECSC	China. Inventory of Existing Chemical Substances
INSQ ISHL	Mexico. National Inventory of Chemical Substances
(JP) KECI	Japan. Inventory of Industrial Safety & Health
(KR) LC50	Korea. Existing Chemicals Inventory
LOAEC	median lethal concentration
LOAEL	lowest observed adverse effect concentration
LOEL	lowest observed adverse effect level
NDSL	lowest observed effect level
	Canada. Environmental Protection Act. Non-Domestic Substances List
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
NZIOC	New Zealand. Inventory of Chemicals

OECD	Organisation for Economic Cooperation and Development
OEL	occupational exposure limit
ONT INV	Canada. Ontario Inventory List
PBT	persistent, bioaccumulative and toxic
PHARM (JP)	Japan. Pharmacopoeia Listing
PICCS (PH)	Philippines. Inventory of Chemicals and Chemical Substances
PNEC	predicted no-effect concentration
REACH Auth. No.:	REACH Authorisation Number
REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
UK REACH Auth. No.:	UK REACH Authorisation Number
UK REACH AuthAppC. No.	UK REACH Authorisation Application Consultation Number
UK REACH-Reg.No	UK REACH Registration Number
STOT	specific target organ toxicity
SPM	Synthetic Polymer Microparticles
SVHC	substance of very high concern
TCSI	Taiwan. Existing Chemicals Inventory
TH INV	Thailand. Existing Chemicals Inventory from FDA
TSCA	US. Toxic Substances Control Act
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VN INVL	Vietnam. National Chemical Inventory
vPvB	very persistent and very bioaccumulative

Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with

any other material or in any process, unless specified in the text.

|| Indicates updated section.