

Phosphoric acid 75%

BA50500

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Date of revision : 10/1/2022 Supersedes : 5/16/2022 Version : 8.0

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

1.1. Product identifier

Product form : Mixture
Product name : Phosphoric acid 75%
UFI : Q0T3-C64M-6603-PNEJ
Product code : BA50500
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial.
Use of the substance/mixture : Food additive
Intermediates
Cleaning agents
Agent of pH regulation
Product which flocculate
Precipitant
Agents of neutralization
Fertilizer
Applications in the framework of construction or road work
Laboratory chemicals
Welding and soldering agents
Metal Treatment

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

UNI DROGUERIE
32, rue de verdun BAT9 77181 Le Pin
Tel : 0160206673
Siret : 89979858100018 TVA : FR21899798581

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|---------|---|---|----------------------|---------|
| France | Centre Antipoison et de Toxicovigilance de Nancy - Base Nationale Produits et Compositions Hôpital Central | 29 avenue du Maréchal de Lattre-de-Tassigny 54035 Nancy Cedex | +33 3 83 22 50 50 | |
| France | ORFILA | | +33 (0)1 45 42 59 59 | |

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP] Mixtures/Substances: SDS EU > 2015: According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

| | |
|---------------------|------|
| Met. Corr. 1 | H290 |
| Acute Tox. 4 (Oral) | H302 |
| Skin Corr. 1B | H314 |

Full text of hazard classes, H- and EUH-statements: see section 16

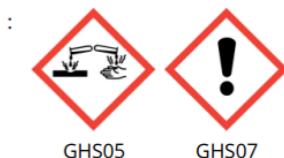
Adverse physicochemical, human health and environmental effects

Corrosive. Cause burns whose gravity depends on the concentration, the time of contact and the affected part of the body.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: phosphoric acid ... %, orthophosphoric acid ... %

Hazard statements (CLP)

: H290 - May be corrosive to metals.

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP)

: P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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 .

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP] |
|--|--|---------|---|
| phosphoric acid ... %, orthophosphoric acid ... % substance with national workplace exposure limit(s) (BE, FR); substance with a Community workplace exposure limit (Note B) | CAS-No.: 7664-38-2 EC no: 231-633-2 EC Index-No.: 015-011-00-6 REACH-no: 01-2119485924-24 | 70 – 80 | Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 (ATE=1250 mg/kg bodyweight) Skin Corr. 1B, H314 |

| Specific concentration limits: | | |
|---|--|---|
| Name | Product identifier | Specific concentration limits |
| phosphoric acid ... %, orthophosphoric acid ... % | CAS-No.: 7664-38-2 EC no: 231-633-2 EC Index-No.: 015-011-00-6 REACH-no: 01-2119485924-24 | (10 ≤C < 25) Eye Irrit. 2, H319 (10 ≤C < 25) Skin Irrit. 2, H315 (25 ≤C ≤ 100) Skin Corr. 1B, H314 |

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: '... %'. 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.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------------|--|
| First aid measures | : INTERVENE VERY QUICKLY - SEEK MEDICAL ATTENTION - NEVER GIVE SOMETHING TO DRINK OR INDUCE VOMITING IF THE PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS. |
| After inhalation | : Remove to fresh air, equipped with a suited respiratory protection. Allow the affected person to rest. Keep warm (blanket). If breathing is difficult, give oxygen (by an authorised person). If not breathing, give artificial respiration. Seek medical attention immediately. |
| After skin contact | : Immediately wash with plenty of water during 15 minutes minimum. Remove contaminated clothing and shoes. Seek medical attention immediately. |
| After eye contact | : In case of eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Remove contact lenses, if possible. Contact ophthalmologist immediately. |
| After swallowing | : DO NOT INDUCE VOMITING because of corrosive effects. If victim completely conscious/alert. Rinse mouth. Never give anything by mouth to an unconscious person. Plan immediately a transport towards a hospital center. |

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

| | |
|----------------|---|
| - Inhalation | : Irritating to respiratory system. Cough and difficulty in breathing. Sore throat. Burning sensation. Unconsciousness. Risk of pulmonary oedema. |
| - Skin contact | : Corrosive to skin. Causes severe burns. |
| - Eye contact | : Corrosive to eyes. Causes severe burns. Risk of serious permanent damages to eyes if the product is not rapidly removed. |

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- Ingestion : Harmful if swallowed. Serious burn of the linings of the mouth, throat, and gastrointestinal tract. Abdominal pain, nausea. Vomiting. Risk of perforation of the gastrointestinal tract accompanied by shock.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Water spray. Product resistant foam. Dry chemical powder. Carbon dioxide. Use sand only to extinguish little fires.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Specific hazards : The dilution and neutralization are exothermics.
- Explosion hazard : Emits hydrogen gas by contact with metals, flammable and explosive gas.
- Hazardous reactions : Violent Reaction during a water addition on a concentrated acid.
- General measures : Non-flammable product. Exercise caution when fighting any chemical fire.

5.3. Advice for firefighters

- Firefighting instructions : Evacuate the danger area. Only allow access to duly equipped emergency personnel. If possible, stop leaks.
- Protection during firefighting : Wear protective clothing and self-contained breathing apparatus.
- Other information : Disperse gas / vapour with sprayed water. Approach the hazard downwind. Cool containers exposed to fire. Collect contaminated extinction water separately and do not allow it to enter pipes or sewers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Non-flammable product. Exercise caution when fighting any chemical fire.

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing, gloves and eye/face protection. Avoid all unnecessary exposure. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.
- Emergency procedures : If the spillage occurs on a public highway, indicate the danger and notify local authorities. Ensure that the area is well ventilated. Evacuate the hazardous area.

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing, gloves and eye/face protection. For selection of breathing equipment, see chapter 8.
- Emergency procedures : If the spillage occurs on a public highway, indicate the danger and notify local authorities. Stop the leak. Evacuate the danger zone. Approach the danger downwind. Disperse gases/vapours with sprayed water. Move incompatible materials and products aside.

6.2. Environmental precautions

Confine and contain the spillage. Prevent any environmental discharge (sewers, rivers, ground). Immediately notify relevant authorities in case of significant spillage. Pump into an appropriate reserve tank.

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6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|--|
| For containment | : Confine the product for collection or absorption with appropriate material. Stop leaks, where possible without risk to personnel. |
| Methods for cleaning up | : Clean up any spills as soon as possible, using an absorbent material to collect it. Limited spillage: Absorb or soak up liquid with sand, earth or any material which limits any spread of the liquid. Place the leaking containers in a labelled drum or overdrum. Collect in a labelled, closed container, for subsequent safe disposal. Wash the contaminated area with large quantities of water. Store washing water as contaminated waste. Small quantities can be diluted in big water (> 100 times) before discharge. Large spills : Neutralization: Neutralize with lime or sodium carbonate. Do not reject to the sewer or in the course of water. Absorb with an appropriate material. Sweep or shovel spills into appropriate container for disposal. After collecting the spills, clean up with water. Consider this cleaning water as any other contaminated waste. |
| Other information | : Materials and substances to ban (contact): concentrated acids are very corrosive towards most of the metals. Prevent from entering drains, ground and drinking water. Contact a specialist for the possible destruction/collection of the collected product. Follow local regulations concerning destruction of the product. |

6.4. Reference to other sections

Refer to chapter 8 relating to exposure controls and personal protection equipment and chapter 13 relating to disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|--|
| Precautions for safe handling | : Never pour water into the product but product into water. Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Avoid all unnecessary exposure. Avoid contact with skin and eyes. Do not breathe gas, fumes, vapour or spray. Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of the day. Avoid skin and eyes contact. Frequent wash of grounds and equipments. Wash clothing before re-using. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Personnel must be warned of the dangers of the product. |
|-------------------------------|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|------------------------|--|
| Technical measures | : Provide watertight, corrosion-resistant electrical installations. Water supply point nearby. Containment basin under tanks. Personnel must be warned of the dangers of the product. Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Rinse eyes and safety showers must be available near any zone containing risks of exposure. |
| Storage conditions | : Store in dry, cool, well-ventilated area. Store in original closed container. Keep away from direct sunlight. Do not put in touch with the chlorinated products. Is sensitive to the frost. |
| Incompatible products | : Oxidizer. Chlorinated product(s). Exothermic Reaction with risks of projection when adding water on the concentrated product. Bases (the dilution and neutralization are exothermics). |
| Incompatible materials | : Light metals. Mild steel. |
| Packaging materials | : Advised : specific plastics (PVC - PE), glass, stratified polyester, covered steel. Polypropylene. Stainless steel. |

7.3. Specific end use(s)

For specific uses, contact the supplier.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

Belgium - Occupational Exposure Limits

| | |
|---------------------------------------|--|
| Local name | Acide phosphorique # Fosforzuur |
| Limit value [mg/m ³] | 1 mg/m ³ |
| Short time value [mg/m ³] | 2 mg/m ³ |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 |

France - Occupational Exposure Limits

| | |
|------------------------|--|
| Local name | Acide phosphorique |
| VME (OEL TWA) | 1 mg/m ³ |
| VME (OEL TWA) [ppm] | 0.2 ppm |
| VLE (OEL C/STEL) | 2 mg/m ³ |
| VLE (OEL C/STEL) [ppm] | 0.5 ppm |
| Remark | Valeurs réglementaires indicatives |
| Regulatory reference | Arrêté du 30 juin 2004 modifié (réf.: INRS ED 984, 2016) |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Have occupational exposure of employees assessed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2. Personal protection equipment

Personal protective equipment:

Corrosionproof clothing. Gloves. Safety glasses. Boots/safety shoes.

Personal protective equipment symbol(s):



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8.2.2.1. Eye and face protection

- Eye protection:

Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

| - Eye protection | | | |
|-----------------------------|----------------------|-----------------|----------|
| Type | Field of application | Characteristics | Standard |
| Safety glasses, Face shield | Droplet | | EN 166 |

8.2.2.2. Skin protection

- Skin protection:

When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection must be worn.

- Hand protection:

Wear suitable gloves resistant to chemical penetration.

| - Hand protection | | | | | |
|---|-------------------------|-------------------|----------------|-------------|----------|
| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
| In case of repeated or prolonged exposure : | Butyl rubber | 6 (> 480 minutes) | > 0.7 | | |
| In case of repeated or prolonged exposure : | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.35 mm | | |
| In case of repeated or prolonged exposure : | Polyvinylchloride (PVC) | 6 (> 480 minutes) | 0.5 mm | | |

Other skin protection

Materials for protective clothing:

Example: Rubber. polythene. Compatibility of gloves and clothing with the product must be verified with the supplier.

8.2.2.3. Respiratory protection

- Respiratory protection:

If the ventilation is insufficient, to wear an appropriate respiratory system. Use combined respiratory protection type. E. P3

| - Respiratory protection | | | |
|--------------------------|-------------------|----------------------------------|----------|
| Device | Filter type | Condition | Standard |
| Gas filters | Filter E (yellow) | If conc. in air > exposure limit | |

8.2.2.4. Thermal hazards

Thermal hazard protection:

In case of thermic decomposition, wear an self contained breathing protection apparatus.

8.2.3. Environmental exposure controls

No additional information available

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|---|
| Physical state | : Liquid |
| Colour | : Transparent. Colourless. |
| Appearance | : Viscous liquid. |
| Molecular weight | : 98 g/mol |
| Odour | : Odourless. |
| Odour threshold | : Not available |
| Melting point | : Not available |
| Freezing point | : 21 °C (85%) |
| Boiling point | : 158 °C (85%) |
| Flammability | : Not available |
| Explosive limits | : Not available |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition point | : Not available |
| pH value | : 1 |
| Viscosity, kinematic | : Not available |
| Viscosity, dynamic | : 2 – 32 mPa·s 30% - 85% (30°C). |
| Solubility | : Soluble in water. Water: Miscible in all proportions Ethanol: |
| Log Kow | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : > 1 g/cm ³ , 75% (20°C) |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle size | : Not applicable |
| Particle size distribution | : Not applicable |
| Particle shape | : Not applicable |
| Particle aspect ratio | : Not applicable |
| Particle aggregation state | : Not applicable |
| Particle agglomeration state | : Not applicable |
| Particle specific surface area | : Not applicable |
| Particle dustiness | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Violent Reaction during a water addition on a concentrated acid.

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10.2. Chemical stability

Chemically stable under normal conditions of industrial use.

10.3. Possibility of hazardous reactions

Strong exothermic reaction when adding water on the concentrated product. Reacts violently with some bases. Reacts with the hypochlorites (release of chlorine). reacts with metals with release of hydrogen flammable gaseous.

10.4. Conditions to avoid

Heat and sunlight. Contact with metallic substances.

10.5. Incompatible materials

Violent Reaction during a water addition on a concentrated acid. Reacts violently with : Bases. Metals. Chlorinated products.

10.6. Hazardous decomposition products

Contact with metals produces hydrogen gas which may form explosive mixtures with air. Phosphorous oxide. Phosphoric acid fumes.

SECTION 11: Toxicological information

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

| | |
|-----------------------------|-------------------------|
| Acute toxicity (oral) | : Harmful if swallowed. |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

| | |
|-----------------|------------------------------|
| Rat oral LD50 | 1250 (300 – 2000) mg/kg |
| dermal rat LD50 | 1260 mg/kg Corrosive effects |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Causes severe skin burns. pH value: 1 |
| Serious eye damage/irritation | : Assumed to cause serious eye damage pH value: 1 |
| Respiratory or skin sensitisation | : Not classified |

CMR Informations:

| | |
|------------------------|------------------|
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |

| | |
|------------------------|------------------|
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

| | |
|------------------------------|---|
| - Effects on the environment | : Hazardous to aquatic organisms. The risks to the aquatic environment are linked to the acidification of the environment by lowering the pH. |
| - on water | : May cause a lowering of the pH of the water |

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Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

| | |
|----------------------------------|--|
| LC50-96 hr - fish | 3.25 (3 – 3.25) mg/l <i>Lepomis macrochirus</i> |
| EC50-48 h - <i>Daphnia magna</i> | > 100 mg/l <i>Daphnia magna</i> , OECD 202 |
| EC50-72 h - alga | > 100 mg/l <i>Desmodesmus subspicatus</i> , OECD 201 |

12.2. Persistence and degradability

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

| | |
|-------------------------------|-----------------|
| Persistence and degradability | Not applicable. |
|-------------------------------|-----------------|

12.3. Bioaccumulative potential

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

| | |
|---------------------------|---------------------|
| Bioaccumulative potential | Not bioaccumulable. |
|---------------------------|---------------------|

12.4. Mobility in soil

phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)

| | |
|-----------|---|
| - on soil | Very high potential for mobility in soil. |
|-----------|---|

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|--|
| Product/Packaging disposal recommendations | : This material and its container must be disposed of as hazardous waste. Disposal must be carried out in accordance with legislation in force. This material should not be landfilled in sewers, rivers. The small quantities can be diluted in big water (> 100 times) before discharge. |
| Sewage disposal recommendations | : Do not pour down drains. Do not pour into surface water. |
| Waste disposal recommendations | : After last use, the packing should be totally empty and closed. Wash with plenty of water and neutralize before disposal. Re-use is possible after washing and decontamination. When the packing is consigned, it should be brought back by the supplier. |
| Additional information | : The attention of the user is attracted to the possible existence of constraints and local prescriptions, relative to the elimination, concerning the product. The elimination must be made in agreement with the local, regional or national legislation. |



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SECTION 14: Transport information

In accordance with ADR / IMDG

| ADR | IMDG |
|--|--|
| 14.1. UN number or ID number | |
| UN 1805 | UN 1805 |
| 14.2. UN proper shipping name | |
| PHOSPHORIC ACID, SOLUTION | PHOSPHORIC ACID SOLUTION |
| Transport document description | |
| UN 1805 PHOSPHORIC ACID, SOLUTION, 8, III, (E) | UN 1805 PHOSPHORIC ACID SOLUTION, 8, III |
| 14.3. Transport hazard class(es) | |
| 8 | 8 |
|  |  |
| 14.4. Packing group | |
| III | III |
| 14.5. Environmental hazards | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No |
| No supplementary information available | |

14.6. Special precautions for user

Special transport precautions

: Comply with regulations in force relating to transportation (ADR/RID, IATA/ICAO, IMDG).
In the event of an accident, refer to the written transportation instructions and chapters 5, 6 and 7 of this Material Safety Data Sheet.

Overland transport

| | |
|---|---------------------------|
| Classification code (UN) | : C1 |
| Limited quantities (ADR) | : 5I |
| Excepted quantities (ADR) | : E1 |
| Packing instructions (ADR) | : P001, IBC03, LP01, R001 |
| Special packing provisions (ADR) | : B4 |
| Mixed packing provisions (ADR) | : MP19 |
| Portable tank and bulk container special provisions (ADR) | : TP1 |
| Tank code (ADR) | : L4BN |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 3 |

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Special provisions for carriage - Packages (ADR) : V12
Hazard identification number (Kemler No.) : 80
Orange plates :



Tunnel restriction code : E

Transport by sea

Special provisions (IMDG) : 223
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage category (IMDG) : A
Properties and observations (IMDG) : Miscible in water. Mildly corrosive to most metals.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

| EU restriction list (REACH Annex XVII) | | |
|--|--|---|
| Reference code | Applicable on | Entry title or description |
| 3. | Phosphoric acid 75% ; phosphoric acid ... % , orthophosphoric acid ... % | Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 |
| 3(b) | Phosphoric acid 75% ; phosphoric acid ... % , orthophosphoric acid ... % | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |

Contains no REACH (SVHC) candidate substance
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

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SECTION 16: Other information

| Abbreviations and acronyms: | |
|-----------------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| <Traduction manquante : /> | Body weight |
| <Traduction manquante : /> | Chemical Abstracts Service |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| LC50 | Median lethal concentration |
| <Traduction manquante : /> | Chemical Safety Report |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC50 | Median effective concentration |
| SDS | Safety Data Sheet |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| STP | Sewage treatment plant |
| TLM | Median Tolerance Limit |
| vPvB | Very Persistent and Very Bioaccumulative |

Sources of key data used

: Toxicological sheet INRS N° 37 : Phosphoric acid.

Phosphoric acid 75%

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Further information

: The content and format of this MSDS are in accordance with regulation (EC) no. 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of Chemicals as well as the restrictions applicable to these substances (REACH).

Full text of H- and EUH-statements:

| | |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| Met. Corr. 1 | Corrosive to metals, Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |

FDS UE STOCKMEIER FRANCE

This sheet completes specification sheets but does not replace them and the characteristic values are indicative and unguaranteed. Informations which it contains is based on the state of the knowledge of our suppliers relative to the concerned product, to the date of writing. They are given honest. The list of the statutory prescriptions and the applicable precautions simply aims at helping the user to fulfill its obligations during the use of the product. It is not exhaustive and cannot exempt the user of additional obligations connected to the other applicable laws to the detention or to the specificities of the implementation for which he remains only responsible within the framework of the analysis of the risks which he has to lead before any use of the product. The attention of the users is besides enticed to the risks possibly incurred when a product is used in the other manners that those for whom it is conceived.