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| Trading name: | PERIODIC ACID, 0.8 % SOLUTION | | | | | |
|---------------|-------------------------------|----------------------|-------------|------------|--|--|
| Product code: | PK08-OT-X** | Date of compilation: | 21 Dec 2022 | Version: 4 | | |

| 1.1. | Product identifier | | | | | |
|------|--|----------------------------|---|--------------------------------|--|--|
| | Trading name: | PERIODIC A | PERIODIC ACID, 0.8 % SOLUTION | | | |
| | Chemical name: | - | | | | |
| | Catalogue number: | PK08-OT-X | ** | | | |
| 1.2. | Relevant identified us | es of the subs | tance or mi | xture and uses advised against | | |
| | Uses: | | For use w | ith special staining kits. | | |
| | Uses advised against: | | Only the i | identified uses are advised. | | |
| | Reason why uses advised against: | | The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes | | | |
| 1.3. | Details of the supplier of the safety data sheet | | | | | |
| | Supplier: Bi | | ioGnost Ltd. | | | |
| | Address: | Μ | Medjugorska 59, Zagreb | | | |
| | Telephone number: | Telephone number: + | | 385 1 2409997 | | |
| | Fax no.: | Fax no.: + | | +385 1 2404039 | | |
| | e-mail of competent p | person: <u>m</u> | msds@biognost.hr | | | |
| | National contact: | - | | | | |
| 1.4. | Emergency telephone | Emergency telephone number | | | | |
| | National Protection a | nd Rescue Dire | ectorate: | 112 | | |
| | Medical information: | | | +385 1 2348 342 | | |
| | Other information: | Other information: | | - | | |

| SECTIO | SECTION 2 HAZARDS INFORMATION | | | | | |
|----------|--|------------------|---------------------|--|--|--|
| 2.1. | Classification of the substance or mixture | | | | | |
| 2.1.1. | Classification (REGULATION (EC) N | No. 1272/2008 | (CLP) | | | |
| | Hazard class and category | code: | Hazard statements*: | | | |
| | Not identified as hazardous subst | ance. | - | | | |
| 2.1.2. | Additional information | | | | | |
| | - | | | | | |
| *For ful | l text of Hazard- and EU Hazard-sta | atements: see S | ection 16 | | | |
| 2.2. | Classification according to EC Dire | ective Nr. 1272/ | 2008 CLP) | | | |
| | Product identification: | PERIODIC AC | D, 0.8 % SOLUTION | | | |
| | Identification number: | - | | | | |
| | Authorization no.: - | | | | | |
| | Hazard pictograms: | - | | | | |



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| | Signal word: - | |
|------|---|-------|
| | Hazard statements: - | |
| | Precautionary statements: - | |
| | Further information: - | |
| 2.3. | Other hazards | |
| | Endocrine Disrupting Properties: | |
| | No known endocrine disrupting properties | |
| | Results of PBT and vPvB assessment : According to the results of its assessment, this substance is in PBT or a vPvB. | not a |

| SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS | | | | | | | | |
|--|--------------------------|--------------------------------|------------------------|---|--|--|--|--|
| CAS/ EC/ Index no. | REACH Registration No | Weight % content (or range) | Identification name | Classification according to Regulation (EC) No 1272/2008 (CLP) | | | | |
| - | - | - | - | - | | | | |

| SECTI | ON 4 FIRST AID MEASURES | | |
|-------|---|------|--|
| 4.1. | Description of first aid measu | ures | |
| | General notes: | | - |
| | Following inhalation: | | Carry the afflicted person out of the contaminated area into a well- ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to- mouth) and contact a physician. |
| | Following skin contact: Following eye contact: | | Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain. |
| | | | Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician. |
| | Following ingestion: | | Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention. |
| | Self-protection of the first ai | der: | Treat symptomatically. |
| 4.2. | Most important symptoms and effects, both acute and delayed | | |
| | Following inhalation: | | ation of large amounts of vapors in inadequately ventilated perimeter cause coughing, sneezing, headache and nausea. |
| | Following skin contact: | 0 | t irritation. After short exposure, resorption effects are not likely. Long- exposure may cause drying, cracking and tingling sensation of skin. |



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SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

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| F -U | | Direct eye contact may cause slig | ht to moderate irri | tation, lacrimation and | |
| Following | g eye contact: | burning sensation. | | | |

| | Following ingestion: | Swallowing may cause irritation of mucosa, tingling sensation in the mouth, burning sensation; higher levels of concentration may cause nausea, abdominal pain and vomiting. In case of vomiting, aspiration causes coughing, difficult breathing. Higher levels of concentration may cause suffocation. | |
|------|--|--|--|
| 4.3. | Indication of any immediate medical attention and special treatment needed | | |

| SECTI | CTION 5 FIREFIGHTING MEASURES | | | | |
|-------|--|---|--|--|--|
| 5.1. | Extinguishing media | | | | |
| | Suitable extinguishing media: | Small fire - water spray, dry powder, CO ₂ Large fire - water spray or alcohol-resistant foam | | | |
| | Unsuitable extinguishing media: | water jet | | | |
| 5.2. | Special hazards arising from the substance or mixture | | | | |
| | Hazardous combustion products: | No information available | | | |
| 5.3. | Advice for firefighters | | | | |
| | Use a self-contained open-circuit of Cool closed containers exposed to | compressed air breathing apparatus and fireproof clothing. fire with water spray or vapor. | | | |
| 5.4. | Additional information | | | | |
| | Remove sources of heat and igniti Do not contaminate the environm | | | | |

| SECTIO | SECTION 6 ACCIDENTAL RELEASE MEASURES | | | | | |
|--------|--|--|--|--|--|--|
| 6.1. | Personal precautions, protective equipment and emergency procedures | | | | | |
| 6.1.1. | For non-emergency personnel | | | | | |
| | Protective equipment: | Use personal protective equipment (see Section 8). | | | | |
| | Accident prevention methods:Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of sparks and ignition. Do not smoke. | | | | | |
| | Emergency procedures: | Mark the area using proper signs. | | | | |
| 6.1.2. | For emergency responders: | | | | | |
| | Wear protective equipment (see Secti | on 8). | | | | |
| 6.2. | Environmental precautions: | | | | | |
| | Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112. | | | | | |
| 6.3. | Methods and material for containmer | nt and cleaning up | | | | |



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| 6.3.1. | Bunding, covering of drains; capping procedures: | Sand or clay barriers. |
|--------|---|---|
| 6.3.2. | Cleaning up: | Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water. |
| 6.3.3. | Other information: | - |
| 6.4. | Reference to other sections | |
| | - | |

| SECTIO | ON 7 HANDLING AN STORAGE | |
|--------|---|--|
| 7.1. | Precautions for safe handling | |
| 7.1.1. | Protection measures | |
| | Measures to prevent fire: | Keep away from sources of heat and ignition. Do not smoke. |
| | Measures to prevent aerosol and dust generati | on: Secure proper ventilation. |
| | Measures to protect the environment: | Prevent spilling into the sewage system and waterways. |
| | Other measures: | - |
| 7.1.2. | Advice on general occupational hygiene: | |
| | Do not eat, drink or smoke in the workspace. T | horoughly wash hands after work and before eating. |
| 7.2. | Conditions for safe storage, including any inco | npatibilities |
| | Technical measures and storage conditions: | Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances. |
| | Packaging materials: | Manufacturer's original packaging. |
| | Requirements for storage rooms and vessels: | Keep away from food and drink. Keep the containers tightly closed. |
| | Advices for storage equipment: | The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation. |
| | Further information on storage conditions: | Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9). |
| 7.3. | Specific end use(s) | |



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| | | | | |

| Recommendations: | - |
|---------------------------------------|---|
| Industrial sector specific solutions: | - |

| SECTION | I 8 EXPOSU | RE CON | TROLS/PER | SONAL | PROT | ECTION | | |
|-------------------|--------------|-----------|-----------------|---------|----------------------|--------------------------|-------------------------------|--------------------------|
| 8.1. | Control para | ameters | | | | | | |
| | Substance | | CAS N | ٩o | | • | exposure limit term values | Biological limit values |
| | | | | | I | opm | mg/m ³ | |
| - | | | - | | | - | - | No information available |
| | : | | | | | | | |
| Substanc name: | e _ | | | | | | | |
| EC No: | - | | CAS No: | - | | | | |
| DNEL | | | | | | | | |
| | | | | | Inc | lustrial | | |
| Route of | • | ļ A | Acute | | Acute | е | Chron | nic Chronic |
| exposure | e: | effe | ect local | effe | ect sys [.] | temic | effect lo | ocal effect system |
| Oral | | - | | - | | | - | - |
| Inhalatio | n | - | | - | | | - | - |
| Dermal | | - | | - | | | - | - |
| Critical p | hysical para | meters: s | solubility, fla | mmabili | ty, cor | rosivity: | - | |
| | | T | | | Со | nsumer | | |
| Route of | | | Acute | | Acute | | Chron | |
| exposure | e: | effe | ect local | effe | ect sys | temic | effect lo | ocal effect system |
| Oral | | - | | - | | | - | - |
| Inhalatio | n | - | | - | | | - | - |
| Dermal | | - | | - | | | - | - |
| PNEC | | | | | | | | |
| Environm | nental prote | ction tar | get | | | PNEC | | |
| Fresh wa | ter | | | | | No information available | | |
| Freshwat | er sediment | S | | | | No infor | mation availabl | le |
| Marine w | vater | | | | | No infor | mation availabl | le |
| Marine se | ediments | | | | | No infor | mation availabl | le |
| Food cha | in | | | | | No infor | mation availabl | le |
| Microorg | anisms in se | ewage tr | eatment | | | No infor | mation availabl | le |
| Soil (agri | cultural) | | | | | No infor | mation availabl | le |



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| Air | | | No information available |
|----------|--|--|---|
| | | | |
| 8.2. | Exposure controls | | |
| 8.2.1. | Engineering measures | | |
| | Substance/mixture related measures to prevent exposure during identified uses: | | Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace. |
| | Structural measures to pr exposure: | revent | No information available |
| | Organisational measures prevent exposure: | to | Organization of work in order to reduce other worker's influence during work process. |
| | Technical measures to pr exposure: | event | Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. |
| 8.2.2. | Personal protection equi | oment | |
| 8.2.2.1. | Eye and face protection: | Safety glasses that stick to face (preventing splashing) (EN 166) o visor. | |
| 8.2.2.2. | Skin protection | | |
| | Hand protection: | | ctive gloves must be according to the EU Directive 2016/425/EEC and lard EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min |
| | Other skin protection: | | antistatic clothing made of natural fibers (such as cotton) with long es (EN 13034), and shoes that cover the entire foot (EN 10335). |
| 8.2.2.3. | Respiratory protection: | filter fo | ctive full face mask (EN 136) or half mask (EN 140) equipped with a for organic vapors, type "A" (boiling point >65°C) acording to EN 7) used when concentration levels exceed GVI. |
| 8.2.2.4. | Thermal hazards: | No inf | formation available |
| 8.2.3. | Environmental exposure | controls | \$ |
| | Substance/mixture relate measures to prevent exp | | See Section 6 |
| | Structural measures to pr exposure: | revent | Use modern equipment. |
| | Organisational measures prevent exposure: | to | Adapt the work process to the required working conditions of the workplace. |
| | Technical measures to pr exposure: | event | See Section 6 |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES



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| | Value | Method |
|---|-------------------------------------|--------------------------|
| Physical state: | liquid | No information available |
| Colour: | colourless | No information available |
| Odour/odour threshold: | no odor/no information available | No information available |
| Melting point / freezing point: | No information available | No information available |
| Boiling point or initial boiling point and boiling range: | No information available | No information available |
| Flammability: | No information available | No information available |
| Lower and upper explosion limit: | No information available | No information available |
| Flash point: | No information available | No information available |
| Auto-ignition temperature: | No information available | No information available |
| Decomposition temperature: | No information available | No information available |
| pH: | No information available | No information available |
| Kinematic viscosity: | No information available | No information available |
| Solubility: | No information available | No information available |
| Partition coefficient n-octanol/water (log value): | No information available | No information available |
| Vapour pressure: | No information available | No information available |
| Density and/or relative density: | No information available | No information available |
| Relative vapour density: | No information available | No information available |
| Particle characteristics: | No information available | No information available |

| SECTIO | ON 10 STABILITY AND REACTIVITY | |
|--------|-------------------------------------|--|
| 10.1. | Reactivity: | See subsections 10.3 through 10.5. |
| 10.2. | Chemical stability: | The product is chemically stable under standard ambient conditions of storing and using. |
| 10.3. | Possibility of hazardous reactions: | With strong oxidants, sodium-hydroxide, sulfuric acid, aluminum. |
| 10.4. | Conditions to avoid: | Sources of heat, sparks, and ignition. |
| 10.5. | Incompatible materials: | Aluminum. |
| 10.6. | Hazardous decomposition products: | No information available. |

SECTION 11 TOXICOLOGICAL INFORMATION



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| Product code: | PK08-OT-X** | Date of compilation: | 21 Dec 2022 | Version: 4 |

| | city: | | | | | |
|--|--|---|---|---------------------------------------|-----------|------------------------------|
| Route of exposure: | Method | Species | Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture} | Exposure t | ime | Results |
| Oral exposure: | No information available | - | LD ₅₀ | - | | - |
| Dermal exposure: | No information available | - | LD ₅₀ | - | | - |
| Inhalation exposure: | No information available | - | LC ₅₀ | - | | - |
| Specific tar | get organ toxicity – si | ngle exposure (S | TOT SE): | | | |
| | Specifi | c effects | Target | organ | | Note |
| Oral exposure: | No information | available | No informatio | on available | - | |
| Dermal exposure: | No information | available | No informatio | on available | - | |
| Inhalation exposure | : No information | available | No informatio | on available | - | |
| Irritation a | nd corrosion | | | | | |
| initation a | | | | | | |
| intation a | Exposure time | Species | Evaluation | Method | | Note |
| Skin irritation: | Exposure time | Species rabbit | Evaluation - | Method | | Note |
| | Exposure time - - | • | Evaluation - - | Method - | | Note |
| Skin irritation: | - | rabbit | - | | | Note |
| Skin irritation: Eye irritation: | - | rabbit rabbit | - | | | Note |
| Skin irritation: Eye irritation: Sensitizatio | - - | rabbit rabbit able | - | | | Note |
| Skin irritation: Eye irritation: Sensitizatio Dermal exposure: Inhalation exposure: | - - on No information avail | able | - | | | Note |
| Skin irritation: Eye irritation: Sensitizatio Dermal exposure: Inhalation exposure: | - - No information avail No information avail | rabbit rabbit able l, chemical and trause irritation of evels of concent g, aspiration cause | oxicological chara mucosa, tingling s ration may cause ses coughing, diffi | cteristics sensation in th | ninal pai | n, burning in and vomitir |



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|--------------------------|--------------------------|-----------------------------|--|-------------------------------|--------------------------|----------------------------------|-------------------------------|----------------|--|
| Product code: | PK | (08-OT-X** | D | ate of com | pilation: | 21 Dec | 2022 | Version: 4 | |
| Inhalation exposi | ure: | | large amount eezing, heada | • | | uately vent | ilated perime | eter may cause | |
| Eye exposure: | | Direct eye co sensation. | Direct eye contact may cause slight to moderate irritation, lacrimation and burning sensation. | | | | | | |
| Ronaste | d dos | e toxicity (sub | acute, subchr | onic chroni | c) | | | | |
| Repeate | | Dose | Exposure time | Species | - | ethod | Evaluation | Note | |
| Subacute oral | No information available | | No information available | No informati available | on inf | No n information available | | n - | |
| Subacute dermal | No information | | No information available | No informati available | | o ormation ailable | No informatio available | n - | |
| Subacute inhalation | No information available | | No information available | No informati available | | o ormation ailable | No informatio available | n - | |
| Subchronic oral | No information available | | No information available | No informati available | | o ormation ailable | No informatio available | n - | |
| Subchronic dermal | No information available | | No information available | No informati available | | o ormation ailable | No informatio available | n - | |
| Subchronic inhalation | No availa | information able | No information available | No informati available | | o ormation ailable | No informatio available | n - | |
| Chronic oral | No availa | information able | No information available | No informati available | | o ormation ailable | No informatio available | n - | |
| Chronic dermal | No availa | information able | No information available | No informati available | | o ormation ailable | No informatio available | n - | |
| Chronic inhalation | No information available | | No information available | No informatio available | - | o ormation ailable | No informatio available | n - | |
| Specific | target | organ toxicit | y – repeated e | exposure (S | TOT RE): | | | | |
| | | | pecific effects | • | - | Target org | an | Note | |
| Subacute oral | | | tion available | | No information available | | | | |
| Subacute dermal | | No informa | ntion available | • | | mation ava | | _ | |
| Subacute inhalat | ion | No informa | tion available | | No infor | mation ava | ilable | _ | |



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| Subchroni | ic oral | No informati | on availabla | No inform | nation available | | | | |
| Subchroni | | No informati | | | - | | | | |
| Subchroni | | | | | nation available nation available | - | | | |
| Chronic or | | No informati | | | nation available | - | | | |
| | Chronic dermal No informatio | | | | nation available | _ | | | |
| Chronic inhalation No informatio | | | | | nation available | - | | | |
| | Indiation | NO INOTINAL | | | | - | | | |
| C | CMR effec | ts (carcinogenicity, | mutagenicity, re | productive toxicit | ty) | | | | |
| | Carcinoge | | | | s did not indicate ca | arcinogenic effects. | | | |
| | _ | city <i>in-vitro</i> : | Current in vi | tro tests did no | t indicate mutagen | ic effects. | | | |
| G | Genotoxici | ity: | No informatio | on available | | | | | |
| N | /utagenic | city in-vivo: | Current in vi | vo tests did not | indicate mutageni | c effects. | | | |
| G | Germ cell mutagenicity: | | No informatio | on available | | | | | |
| R | Reproduct | ive toxicity: | No toxicity organs. | No toxicity on reproductive organs was determined in reproductive organs. | | | | | |
| S | Summary o | of evaluation of the | CMR properties | : - | | | | | |
| 11.2 Ir | nformatio | on on other hazards | : | | | | | | |
| 11.2.1. E | ndocrine | disrupting properti | es: | | | | | | |
| c e a C 2 (I | omponen indocrine iccording Commissic 2017/2100 | | to have properties e 57(f) or lation (EU) Regulation | | | | | | |
| 11.2.2. C | Other info | rmation: | : | | | | | | |
| | | | | | | | | | |

| SECTION 12 ECOLOG | GICAL INFOR | RMATION: | | | | | | | |
|---|------------------|----------|-----------------------------|--------------------------------|------|---|--|--|--|
| 12.1. Toxicity | | | | | | | | | |
| Acute toxicityDoseExposure timeSpeciesMethodEvaluation | | | | Evaluation | Note | | | | |
| Fish | LC ₅₀ | 96 hours | No information available | No information available | - | - | | | |



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| Algae/aquatic pl Microorganisms Chronic toxicity Fish Crustacea: Algae/aquatic pl Other organisms 12.2. Persiste Abiotic | 5 | IC ₅₀ LC ₅₀ LC ₅₀ | 8 days 72 hou Expos time 96 hou | ırs ure | No information available - Species | | No ormation vailable | | - | - | |
|--|----------|--|---|-----------------|---|--------------------------------|---|------------------------|-----------------------|------|------|
| Chronic toxicity Fish Crustacea: Algae/aquatic pl Other organisms 12.2. Persiste | | Dose | Expos time | ure | | - | | | | | |
| Fish Crustacea: Algae/aquatic pl Other organisms 12.2. Persiste | | | time | | Species | | croorganisms LC ₅₀ 72 hours - <td>-</td> <td></td> | | | - | |
| Crustacea: Algae/aquatic pl Other organisms 12.2. Persiste | | LC ₅₀ | 96 hou | | | Ν | /lethod | Eva | luation | N | ote |
| Algae/aquatic pl Other organisms 12.2. Persiste | | | | ırs | No information available | No information available | | No inforn availa | | - | |
| Other organisms 12.2. Persiste | | EC ₅₀ | 48 hou | ırs | No information available | - | rmation lable | No inforn availa | | | |
| 12.2. Persiste | lants | IC ₅₀ | 72 hou | ırs | No information available | | | | nation ble | - | |
| 12.2. Persiste | S | _ | - | | - | - | | - | | - | |
| | : degra | - | | | Method | | | Evaluati | ion | | Note |
| Marine water | | ormation av | | No | No information available | | le No information available | | vailable | - | |
| Fresh water | No inf | ormation av | vailable | No | lo information available No info | | No inforr | mation available | | - | |
| Air | No inf | ormation av | vailable | No | o information available No in | | No inforr | nformation available | | - | |
| Soil | No inf | ormation av | ailable | No | information avail | able | No inform | nation a | vailable | - | |
| Biodeg | Iradatio | on | | | | | | | | | |
| % Degradation | | Time (day | 's) | | Method | | Evaluatio | on | | Note | |
| No information available | No | | mation | No ir availa | nformation able | | o informati ailable | on | No infor available | | |
| | | | | | | | | | | | |
| 10.0 Diagonal | | ivo potenti | | | | | | | | | |
| | umulat | ive potentia ficient: n-oo | | ator (L | | | | | | | |
| | n coof | ntration | pH | °C | | 1 | | ation | | Note | |



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| Tradin | g nar | ne: | | | | PER | ODIC | ACID, | 0.8 | s % s | OLUI | ION | | uge . | | |
|--------------------|---|--------------|-----------------------|-----------------------|-------------------------------|------------------------|-------------------|---------------------------------|-----------------------|---------------|------------------------|--------|---------------------|--------|------|---|
| Produ | ct coo | de: | PK08- | -OT-X** | | Date | of co | mpilatio | on: | 21 | Dec | 2022 | | Versio | on: | 4 |
| - | | No availa | inform able | ation _ | | - | lo infc vailab | ormation le | 1 | | nform able | ation | | - | | |
| | | | | | | | | | | | | | | | | |
| | : | concen | tration | factor (BCF) | | | | | 0 0 0 0 0 | | | | | | | |
| | /alue | | | Species | | | 1ethoc | ethod | | Evaluation | | | Note | | | |
| No info availab | o information No ailable availat | | No availat | | mation No inform available | | | ntion No informati available | | | on | | o inforr ailable | natio | n | |
| | Chro | onic ec | cotoxicit | у | | | | | | | | | | | | |
| | Value | | Dose | | osure ime | Spe | ecies | | Meth | od | E١ | /aluat | ion | | Note | |
| Chronic | Chronic toxicity on fish | | LC ₅₀ | No infor availa | mation able | No inforr availa | mation able | | o forma ailabl | | No inform available | | ation | - | | |
| | Chronic toxicity on crustacea (<i>Daphnia</i>) | | EC ₅₀ | information | | No inforr availa | nation able | | | nation ble | | | ation | - | | |
| 12.4. | Mol | oility ir | n soil | | | | | | | | | | | | | |
| | Kno | wn or | predicte | ed distribut | ion in e | environm | ental c | compart | mer | nts: | | | | | | |
| | No | inform | ation av | ailable | | | | | | | | | | | | |
| | Surf | ace te | nsion: | | | | | | | | | | | | | |
| | , | Value | | °C | C | oncentrat | tion | | Μ | letho | b | | | Ν | ote | |
| | information inf | | | ormation ailable | | informat iilable | ion | No info availab | | ation | | - | - | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | Ads | orptio | n / deso | orption | : | | | | | | | | | | | |
| Transpo | ort | | v/D coef enry's co | | lc | og Kow | Ev | vaporatio | on r | rate Method | | d | | No | ote | |
| Soil-wa | nter | No availa | | formation | No ir availa | nformatio able | | | | | o information | | | | | |



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| | | 2 | | | | | Page 13 of | f 16 |
|----------|----------------|---|--------------------------|----------------------------|--------|-----------------------------|-------------|------|
| Trading | name: | | PERIO | DIC ACID, 0.8 | % \$ | OLUTION | | |
| Product | code: | PK08-OT-X** | Date of | compilation: | 2 | 1 Dec 2022 | Version: | 4 |
| Water-a | r No availa | information able | No information available | n No information available | | No information available | - | |
| Soil-air | No availa | information able | No information available | No information available | n | No information available | - | |
| 12.5. | Results of | PBT and vPvB asses | ssment | | | | | |
| | according | ance/mixture does to REACH Article 5 n (EU) 2018/605 at l | 7(f) or Commission | n Delegated reg | | | | |
| 12.6. | Endocrine | disrupting propert | ies | | | | | |
| | according | ance/mixture does to REACH Article 5 n (EU) 2018/605 at l | 7(f) or Commission | n Delegated reg | | | | |
| 12.7. | Other adv | erse effects | | | | | | |
| | No inform | ation available | | | | | | |
| | | | | | | | | |
| | | OSAL CONSIDERA | TIONS | | | | | |
| 13.1. | Waste ti | reatment methods | | | | | | |
| 13.1.1. | Product | /Packaging disposa | ŀ | | | | | |
| 10.1.1. | | for disposal to the l | | rized by the Mir | nistry | y of Environmenta | ll and Natu | re |
| 13.1.2. | Waste c | odes/waste designa | ations according to | o Law: | | | | |
| | No infor | rmation available | | | | | | |
| 13.1.3. | Waste tr | reatment – relevant | information: | | | | | |
| | No infor | rmation available | | | | | | |
| 13.1.4. | Sewage | disposal – relevant | information: | | | | | |
| | Waste n | nust not be dispose | d of into the sewa | ge system. | | | | |
| 13.1.5. | Other di | isposal recommend | ations: | | | | | |
| | | | | | | | | |



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| | 1 | | | Page 14 of 16 | | | | |
|----------------------|-------------------------|--|---------------------|----------------------|--|--|--|--|
| Trading name: | | PERIODIC ACID, 0.8 | % SOLUTION | | | | | |
| Product code: | PK08-OT-X** | Date of compilation: | 21 Dec 2022 | Version: 4 | | | | |
| authoriz the pacl | ed by the ministry in c | 's remains into the sewage syst harge. Do not dispose of the p s authorized by the ministry in | ackaging into the s | ewage system. Submit | | | | |
| 13.1.6. Relevan | t Community provisior | s: | | | | | | |
| SECTION 14 TRAN | NSPORT INFORMATIC |)N | | | | | | |
| Transport | ing/shipment by road | ADR) | | | | | | |
| UN number: | | Not subject to transport regu | ulations. | | | | | |
| UN proper shippin | g name: | - | | | | | | |
| Transport hazard o | lass(es): | - | | | | | | |
| Packing group: | | - | | | | | | |
| Environmentally ha | azardous: | - | | | | | | |
| Special precaution | s for user: | - | | | | | | |
| Transport | ing/shipment by rail (R | ID) | | | | | | |
| UN number: | | Not subject to transport regu | ulations. | | | | | |
| UN proper shippin | g name: | - | | | | | | |
| Transport hazard c | lass(es): | - | | | | | | |
| Packing group: | | - | | | | | | |
| Environmentally ha | azardous: | - | | | | | | |
| Special precaution | s for user: | - | | | | | | |
| Inland wa | terway transport (ADN |) | | | | | | |
| UN number: | | Not subject to transport regu | ulations. | | | | | |
| UN proper shippin | g name: | - | | | | | | |
| Transport hazard c | lass(es): | - | | | | | | |
| Packing group: | | - | | | | | | |
| Environmentally ha | azardous: | - | | | | | | |
| Special precaution | s for user: | - | | | | | | |
| Transport | ing/shipment by sea (I | MDG) | | | | | | |
| UN number: | | Not subject to transport regu | ulations. | | | | | |
| UN proper shippin | g name: | - | | | | | | |
| Transport hazard c | lass(es): | - | | | | | | |
| Packing group: | | - | | | | | | |
| Environmentally ha | azardous: | - | | | | | | |
| Special precaution | s for user: | - | | | | | | |



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| Trading name: | PERIODIC ACID, 0.8 % SOLUTION | | | | | | | |
|---------------|-------------------------------|----------------------|-------------|------------|--|--|--|--|
| Product code: | PK08-OT-X** | Date of compilation: | 21 Dec 2022 | Version: 4 | | | | |

| Transporting/shipment by | air (ICAO-TI/IATA-DGR) | | | | |
|-------------------------------|---------------------------------------|--|--|--|--|
| UN number: | Not subject to transport regulations. | | | | |
| UN proper shipping name: | - | | | | |
| Transport hazard class(es): | - | | | | |
| Packing group: | - | | | | |
| Environmentally hazardous: | - | | | | |
| Special precautions for user: | - | | | | |
| | | | | | |
| Further information: - | | | | | |

| Safety, health and environ | nmental regulations/legislation specific for the substance or mixture | | | | | |
|--|---|--|--|--|--|--|
| EU regulations | | | | | | |
| Authorization and/or rest | rictions of use | | | | | |
| Authorizations: | - | | | | | |
| Restrictions: | - | | | | | |
| Other EU regulations: | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certair dangerous substances, mixtures and articles (Annex XVII); | | | | | |
| Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC- guideline) | | | | | | |
| National legislation: | Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act | | | | | |
| | EU regulations Authorization and/or rest Authorizations: Restrictions: Other EU regulations: Information according 19 guideline) | | | | | |



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| Trading name: | PERIODIC ACID, 0.8 % SOLUTION | | | | | | |
|---------------|-------------------------------|----------------------|-------------|------------|--|--|--|
| Product code: | PK08-OT-X** | Date of compilation: | 21 Dec 2022 | Version: 4 | | | |

None

| SECTION 16 Other information | | |
|------------------------------|---|--|
| 16.1. | Indication of changes: | - |
| 16.2. | Abbreviations and acronyms: | ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative |
| 16.3. | Key literature references and source of data: | - |
| 16.4. | Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP) | |
| Classification | | Classification procedure |
| - | | |
| 16.5. | Relevant H statements (number and full text) | |
| | H: | |
| 16.6. | Training advice: | |
| 16.7. | t Further information: | "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with nstructions for use or improper use of the product described in this material safety data sheet. |

ANNEX:

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Exposure scenario resulting to Chemical safety assessment