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

1.1. Product identifier
Product name: Aquamira Water Treatment Part B
Product code: 67202, 67203
EPA Reg. No.: 71766-1

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: For use in the activation of Chlorine Dioxide when mixed with Aquamira Water Treatment Part A

1.3. Details of the supplier of the safety data sheet
Aquamira Technologies, Inc
917 West 600 North
Logan, UT 84321
T 360-306-5586

1.4. Emergency telephone number
Emergency number: ChemTel (800) 255-3924

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Metal Corrosion 1
Skin Irritation 2
Eye Irritation 2A

2.2. Label elements
GHS-US labelling
Hazard pictograms (GHS-US): GHS05
Signal word (GHS-US): Warning
Hazard statements (GHS-US): May be corrosive to metals. Causes skin irritation. Causes serious eye irritation.
Precautionary statements (GHS-US): Keep only in original container. Wash hands thoroughly after handling. Wear protective gloves/eye protection/face protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Absorb spillage to prevent material damage.

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>(CAS No) 7664-38-2</td>
<td>3 - 7</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

First-aid measures after skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

First-aid measures after eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

First-aid measures after ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray, dry powder, carbon dioxide and alcohol resistant foam.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon and oxides of phosphorous.

5.3. Advice for firefighters

Protection during firefighting: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Methods and material for containment and cleaning up

For containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up: Scoop up material and place in a disposal container. Absorb spillage to prevent material damage.

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed: May be corrosive to metals.

Precautions for safe handling: Do not get in eyes, on skin, or on clothing. Do not swallow. Do not breathe dust or mists. Handle and open container with care. Do not eat, drink or smoke when using this product.

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep out of the reach of children. Keep container tightly closed. Keep only in original container. Do not store together with alkalis (caustic solutions), oxidizing and acidic materials.

Packaging materials: Store in corrosive resistant container with a resistant inner liner.
7.3. Specific end use(s)
Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Phosphoric acid (7664-38-2)</th>
</tr>
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<tbody>
<tr>
<td>ACGIH</td>
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<tr>
<td>ACGIH</td>
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<tr>
<td>OSHA</td>
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</tbody>
</table>

8.2. Exposure controls

- Appropriate engineering controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
- Hand protection: Wear suitable gloves.
- Eye protection: Safety glasses with side shields.
- Skin and body protection: Wear suitable protective clothing.
- Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls: Maintain levels below Community environmental protection thresholds.
- Other information: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state: Liquid
- Color: Clear
- Odor: Light
- Odor threshold: No data available
- pH: 2.35 +/- 0.15 (Estimate)
- Melting point: No data available
- Freezing point: No data available
- Boiling point: 212 °F / 100 °C
- Flash point: No data available
- Relative evaporation rate (butylacetate=1): No data available
- Flammability (solid, gas): Not flammable
- Explosive limits: No data available
- Explosive properties: No data available
- Oxidising properties: No data available
- Vapor pressure: 23 hPa at 68 °F/20 °C
- Relative density: No data available
- Relative vapor density at 20 °C: No data available
- Density: 1.01 +/- 0.05 g/cm³
- Solubility: Fully miscible
- Partition coefficient: n-octanol/water: No data available
- Auto-ignition temperature: No data available
- Decomposition temperature: No data available
- Viscosity: No data available
- Viscosity, kinematic: No data available
- Viscosity, dynamic: No data available

9.2. Other information
No additional information available
SECTION 10: Stability and reactivity

10.1. Reactivity
May be corrosive to metals.

10.2. Chemical stability
Stable under normal storage conditions.

10.3. Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid
Heat. Incompatible materials.

10.5. Incompatible materials
Metals. alkalis. Amines.

10.6. Hazardous decomposition products
May include, and are not limited to oxides of carbon and oxides of phosphorous.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified.

Phosphoric acid (7664-38-2)

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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>1530 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>2740 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
<td>&gt; 850 mg/m³/1h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.
Germ cell mutagenicity : Based on available data, the classification criteria are not met.
Carcinogenicity : Based on available data, the classification criteria are not met.
Reproductive toxicity : Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure) : Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure) : Based on available data, the classification criteria are not met.
Aspiration hazard : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause respiratory irritation.
Symptoms/injuries after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general : May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability
Aquamira Water Treatment Part B
Persistence and degradability : Not established.

12.3. Bioaccumulative potential
Aquamira Water Treatment Part B
Bioaccumulative potential : Not established.

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Effect on the global warming : No known ecological damage caused by this product.
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

SECTION 14: Transport information

Department of Transportation (DOT)
No data available

Additional information
Other information: No supplementary information available.
Special transport precautions: Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Labeling requirements under FIFRA
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION:
Harmful if swallowed.
Avoid direct contact with skin, eyes or clothing.

15.2. US State regulations

<table>
<thead>
<tr>
<th>Aquamira Water Treatment Part B</th>
</tr>
</thead>
<tbody>
<tr>
<td>State or local regulations</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Date of issue: 01/05/2016
Revision date: 01/05/2016
Other information: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user’s responsibility to satisfy oneself as to the suitability and completeness of this information for the user’s own particular use.