Medical Chemical Corp.
19430 Van Ness Ave.
Torrance, CA 90501
Customer Service: Phone (310)787-6800, (800)424-9394
FAX (310)787-4464
CHEMTREC Emergency Response Telephone Number: (800)424-9300
Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

Section I - Product Identification
An aqueous solution of phosphate salts.

Section III - Hazards Identification
Overview: May be harmful if swallowed. May be irritating to skin and eyes.

Safety Ratings
Health: None    Flammability: None    Reactivity: None    Contact: None
Recommended safety equipment: Not applicable
Storage: General storage
NFPA Ratings
Health = 0     Flammability = 0     Reactivity = 0

Potential Health Effects
The toxicology of this compound have not been completely examined. It is presumed that the toxicity of this item is similar to other inorganic salt solution.
Inhalation: May be irritating
Ingestion: While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.
Skin contact: Not normally a problem
Eye contact: Not normally a problem
Chronic Exposure: Not normally a problem
Aggravation of preexisting conditions: Not normally a problem

Section II - Composition/Information on Components

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>KH₂PO₄</td>
<td>7778-77-0</td>
<td></td>
<td></td>
<td></td>
<td>0.69% w/v</td>
</tr>
<tr>
<td>Na₂HPO₄</td>
<td>7558-79-4</td>
<td></td>
<td></td>
<td></td>
<td>0.26% w/v</td>
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</tbody>
</table>

Section IV - First Aid Measures

Inhalation: Unlikely to be a problem.
Ingestion: If the victim is conscious, induce vomiting and get medical attention. Never give anything by mouth to an unconscious person.
Skin Contact: Wash affected area with soap and water. Get medical advice if irritation develops.
Eye Contact: Rinse thoroughly with running water. Get medical advice if irritation develops.
Section V - Fire Fighting Measures

*Flash point:* Not applicable

*Flammable Limits:* Not applicable

*Fire:* Not normally a fire Hazard.

*Explosion:* Not Normally an explosion hazards.

*Fire Extinguishing Media:* Any means suitable for surrounding fire.

*Special information:* Pyrolysis will release corrosive oxides.

Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and dispose.

Section VII - Handling and Storage

Store in a closed container, protected from freezing.

Section VIII - Exposure Control/Personal Protection

*Airborne Exposure Limits:* See section III

*Ventilation System:* Usually not required. When required, Refer to the ACGIH document, “Industrial Ventilation, a Manual of Recommended Practices” for details about ventilation.

*Personal Respirator:* Usually not required.

*Skin protection:* Protective gloves are not required but recommended as part of good laboratory practice.

*Eye Protection:* Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

Section IX - Physical and Chemical Properties

*Boiling Point:* 100 °C

*Density:* About 1.0 g/ml

*Vapor pressure (mm Hg):* 18 @ 20 °C

*Evaporation Rate (water = 1):* 1

*Vapor Density (air = 1):* 0.6

*Solubility:* Infinitely miscible with water

*Appearance and Odor:* A clear, colorless and odorless liquid.

Section X - Stability and Reactivity

*Stability:* Freezes at low temperature.

*Hazardous Decomposition Products:* Nothing unusual.

*Hazardous polymerization:* Will not occur.

*Incompatibilities:* Nothing unusual.

*Conditions to avoid:* Excessive cold/heat and light.

Section XI - Toxicological Information

None relating to normal exposure.

*Cancer lists*

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Known Carcinogenicity?</th>
<th>Anticipated?</th>
<th>IARC Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>KH₂PO₄</td>
<td>No</td>
<td>No</td>
<td>None</td>
</tr>
<tr>
<td>Na₂HPO₄</td>
<td>No</td>
<td>No</td>
<td>None</td>
</tr>
</tbody>
</table>

Section XII - Ecological Information

*Environmental Fate:* Biodegradable

*Environmental Toxicity:* None

Section XIII - Disposal Considerations

Usually not restricted but local governments may restrict the amounts of salts that may be flushed down drain. Insure compliance with all government regulations.
Section XIV - Transportation Information
Not regulated.

Section XV - Regulatory Information

### Chemical Inventory Status

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TSCA</th>
<th>EC</th>
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</thead>
<tbody>
<tr>
<td>KH₂PO₄</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Na₂HPO₄</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Federal, State and International Regulations

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>RCRA</th>
<th>TSCA</th>
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<td>TPQ</td>
<td>List</td>
<td>Category</td>
</tr>
<tr>
<td>KH₂PO₄</td>
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<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Na₂HPO₄</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Chemical Weapons Convention: No  TSCA 12(b): No  CDTA: No
SARA 311/312: Acute: No, Chronic: No, Fire: No

Section XVI - Other Information
This information is believed to be correct but is not waranteed as such, nor does it purport to be all inclusive.
Revision Date: Nov. 7, 2017