Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name
- Trisodium Phosphate, Anhydrous

Synonyms
- Sodium Phosphate, Tribasic

CAS Number
- 7601-54-9

SDS Number/Grade
- 22

EC Number
- 231-509-8

Molecular Weight
- 163.94

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

Relevant identified use(s)
- Cleaning Compounds- An ingredient in household and heavy duty industrial cleaners, such as floor and wall cleaners. Water Treatment- Softens water by precipitations; provide alkalinity buffer for boiler waters. Textile- Scouring of Water

800-424-9300 - Chemtrec - within USA and Canada
+1 703-527-3887 - Chemtrec - outside USA and Canada (collect calls accepted)
615-386-7816 - Innophos Emergency Communication Team (ECT)

Section 2: Hazards Identification

EU/EEC

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture
United States (US)
According to OSHA 29 CFR 1910.1200 HCS
2.1 Classification of the substance or mixture

OSHA HCS 2012
- Skin Corrosion 1B - H314
- Serious Eye Damage 1 - H318
- Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335

2.2 Label elements

OSHA HCS 2012

**DANGER**

**Hazard statements**
- Causes severe skin burns and eye damage. - H314
- Causes serious eye damage - H318
- May cause respiratory irritation - H335

**Precautionary statements**

**Prevention**
- Do not breathe dust. - P260
- Wash thoroughly after handling. - P264
- Use only outdoors or in a well-ventilated area. - P271
- Wear protective gloves/protective clothing/eye protection/face protection. - P280

**Response**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
- Call a POISON CENTER or doctor/physician if you feel unwell. - P312
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353
- Specific treatment, see supplemental first aid information. - P321
- Wash contaminated clothing before reuse. - P363
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
- Immediately call a POISON CENTER or doctor/physician. - P310
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. - P301+P330+P331

**Storage/Disposal**
- Store in a well-ventilated place. Keep container tightly closed. - P403+P233
- Store locked up. - P405
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards

OSHA HCS 2012

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**Canada**

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS
- Corrosive - E

2.2 Label elements

WHMIS

- Corrosive - E

2.3 Other hazards

WHMIS
- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).
Section 3 - Composition/Information on Ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium salt (1:3) phosphoric acid</td>
<td>CAS:7601-54-9 EC Number:231-509-8</td>
<td>100%</td>
<td>NDA</td>
<td>EU DSD/DPD: Self Classified: C R34 R37 N R52 EU CLP: Self Classified: Eye Dam. 1, H318; Skin Corr. 1A, H314; STOT SE 3: Resp. Irrit., H335 OSHA HCS 2012: Eye Dam. 1; Skin Corr. 1A; STOT SE 3: Resp. Irrit.</td>
<td>NDA</td>
</tr>
</tbody>
</table>

3.2 Mixtures

- Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Seek medical attention.

Skin
- For minor skin contact, avoid spreading material on unaffected skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes. Seek medical attention. Wash contaminated clothing before reuse.

Eye
- In case of contact with substance, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 15 minutes. If it is necessary to transport the patient to a physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.

Ingestion
- If swallowed give 2-3 glasses of water if victim is conscious and alert. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical. Persons attending the victim should avoid direct contact with heavily contaminated clothing and vomitus. Wear impervious gloves while decontaminating skin and hair.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media
Suitable Extinguishing Media ● Not combustible. Use extinguishing media suitable for surrounding fire.
Unsuitable Extinguishing Media ● None known.

5.2 Special hazards arising from the substance or mixture
Unusual Fire and Explosion Hazards ● Not combustible.
Hazardous Combustion Products ● Oxides of sodium, oxides of phosphorus.

5.3 Advice for firefighters

- Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
- Keep unauthorized personnel away.
- Stay upwind.
- Evacuate residents who are downwind of fire.
- Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.
- Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Personal Precautions ● Ventilate enclosed areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Emergency Procedures ● Keep unauthorized personnel away. Dike spill using absorbent or impervious materials such as earth, sand or clay.

6.2 Environmental precautions

- Runoff from fire control may cause pollution. Prevent material from entering public sewer system or any waterways.

6.3 Methods and material for containment and cleaning up
Containment/Clean-up Measures ● Sweep or vacuum up and place in an appropriate closed container. Clean up residual material by washing area with water and detergent. Collect washings for disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling
Handling ● Avoid direct or prolonged contact with skin and eyes. Avoid breathing dust. Do not ingest.

7.2 Conditions for safe storage, including any incompatibilities
Storage ● Store in a tightly closed container. Store in an area that is room temperature, well-ventilated and isolated from all toxic and harmful substances.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection
### 8.1 Control parameters

<table>
<thead>
<tr>
<th>Result</th>
<th>ACIGI</th>
<th>Argentina</th>
<th>Belgium</th>
<th>China</th>
<th>Indonesia</th>
</tr>
</thead>
<tbody>
<tr>
<td>STELs</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>16 mg/m³ STEL (free SiO₂ &lt;10%, except asbestos and toxic substances. Use PC-STEL of silica when free SiO₂ &gt;10%, total)</td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWAs</td>
<td>10 mg/m³ TWA (inhalable particles, recommended); 3 mg/m³ TWA (respirable particles, recommended)</td>
<td>10 mg/m³ TWA [CMP] (inhalable fraction, particulate matter containing no asbestos and less than 1% crystalline silica); 3 mg/m³ TWA [CMP] (respirable fraction, particulate matter containing no asbestos and less than 1% crystalline silica)</td>
<td>3 mg/m³ TWA (alveolar fraction); 10 mg/m³ TWA (inhalable fraction)</td>
<td>8 mg/m³ TWA (free SiO₂ &lt;10%, except asbestos and toxic substances. Use PC-TWA of silica when free SiO₂ &gt;10%, total)</td>
<td>10 mg/m³ TWA (not containing Asbestos and the crystal content is &lt;1%, inhalable particulate); 3 mg/m³ TWA (not containing Asbestos and the crystal content is &lt;1%, respirable particulate)</td>
</tr>
<tr>
<td></td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
</tr>
</tbody>
</table>

### Exposure Limits/Guidelines (Con’t.)

<table>
<thead>
<tr>
<th>Result</th>
<th>Ireland</th>
<th>Israel</th>
<th>Korea</th>
<th>Malaysia</th>
<th>New Zealand</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWAs</td>
<td>10 mg/m³ TWA (total inhalable); 4 mg/m³ TWA (respirable)</td>
<td>10 mg/m³ TWA (recommended, inhalable particles); 3 mg/m³ TWA (recommended, respirable particles)</td>
<td>10 mg/m³ TWA (no more than 1% crystalline silica, Serial No. 699)</td>
<td>10 mg/m³ TWA (particulate matter containing no Asbestos and &lt;1% crystalline Silica, inhalable fraction); 3 mg/m³ TWA (particulate matter containing no Asbestos and &lt;1% crystalline Silica, respirable fraction)</td>
<td>3 mg/m³ TWA (respirable dust); 10 mg/m³ TWA (inhalable dust)</td>
</tr>
<tr>
<td></td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
<td>as Particulates not otherwise classified (PNOC)</td>
</tr>
</tbody>
</table>

### Exposure Limits/Guidelines (Con’t.)

<table>
<thead>
<tr>
<th>Result</th>
<th>Norway</th>
<th>OSHA</th>
<th>Other Agency Information</th>
<th>Portugal</th>
<th>Singapore</th>
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</thead>
<tbody>
<tr>
<td>STELs</td>
<td>Not established</td>
<td>Not established</td>
<td>5 mg/m³ STEL</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 mg/m³ TWA [VLE-MP] (inhalable fraction, particulate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 8.2 Exposure controls

#### Engineering Measures/Controls
- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Personal Protective Equipment

**Respiratory**
- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**
- Wear face shield and eye protection. An emergency eye wash must be readily accessible to the work area.

**Hands**
- Wear protective gloves.

**Skin/Body**
- Wear protective clothing

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<table>
<thead>
<tr>
<th>Result</th>
<th>Spain</th>
<th>Venezuela</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium salt (1:3) phosphoric acid as Particulates not otherwise classified (PNOC)</td>
<td>TWAs</td>
<td>TWAs</td>
</tr>
<tr>
<td>10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust) as Particulates not otherwise classified (PNOC)</td>
<td>Not established</td>
<td>as Particulates not otherwise classified (PNOC)</td>
</tr>
<tr>
<td>15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction) as Particulates not otherwise classified (PNOC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not established</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 mg/m³ PE [VLA-ED] (recommended limit, this value is for the particulate matter that is free from Asbestos and contains less than 1% of Crystalline silica; no toxicological data to support TWA. Do not exceed generic limit value provided, inhalable fraction); 3 mg/m³ TWA [VLA-ED] (recommended limit, this value is for the particulate matter that is free from Asbestos and contains less than 1% of Crystalline silica; no toxicological data to support TWA. Do not exceed generic limit value provided, respirable fraction) as Particulates not otherwise classified (PNOC)</td>
<td>10 mg/m³ TWA [CAP (total inhalable particulate containing no Asbestos and &lt;1% Crystalline silica, inhalable fraction); 3 mg/m³ TWA [CAP (total inhalable particulate containing no Asbestos and &lt;1% Crystalline silica, respirable fraction)] as Particulates not otherwise classified (PNOC)</td>
<td></td>
</tr>
</tbody>
</table>
General Industrial Hygiene Considerations

- Do not get in eyes or on skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
OSHA = Occupational Safety and Health Administration
PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

STEL = Short Term Exposure Limits are based on 15-minute exposures
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>White granules with no odor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Solid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Data lacking</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

General Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Data lacking</td>
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<tr>
<td>Melting Point</td>
<td>&gt; 600 C(&gt; 1112 F)</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Data lacking</td>
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<tr>
<td>pH</td>
<td>11.5 (@ 1 wt/wt%)</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Soluble</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Oxidizing Properties:</td>
<td>Data lacking</td>
</tr>
</tbody>
</table>

Volutility

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Data lacking</td>
</tr>
</tbody>
</table>

Flammability

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>Not relevant</td>
</tr>
<tr>
<td>UEL</td>
<td>Not relevant</td>
</tr>
<tr>
<td>LEL</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Autoignition</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Data lacking</td>
</tr>
</tbody>
</table>

Environmental

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
<td>Data lacking</td>
</tr>
</tbody>
</table>

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.
10.4 Conditions to avoid
   ● Moisture.

10.5 Incompatible materials
   ● Strong acids, magnesium.

10.6 Hazardous decomposition products
   ● Oxides of phosphorus. Oxides of sodium.

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### Section 11 - Toxicological Information

#### 11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Dosage</th>
<th>Route</th>
<th>Species</th>
<th>Duration</th>
<th>Results</th>
<th>Test Class</th>
<th>Target Organs</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td></td>
<td>Eye</td>
<td>Rabbit</td>
<td>NDA</td>
<td>NDA</td>
<td>Severe irritation, reversible</td>
<td>NDA</td>
<td>Data for trisodium phosphate, dodecahydrate</td>
</tr>
<tr>
<td>Irritation</td>
<td></td>
<td>Skin</td>
<td>Rabbit</td>
<td>NDA</td>
<td>Mild irritation</td>
<td>NDA</td>
<td>NDA</td>
<td>Data for trisodium phosphate, dodecahydrate</td>
</tr>
<tr>
<td>Acute Toxicity</td>
<td>&gt; 7400 mg/kg</td>
<td>Ingestion/Oral</td>
<td>Rat</td>
<td>NDA</td>
<td>LD50</td>
<td>NDA</td>
<td>NDA</td>
<td>Data for trisodium phosphate, dodecahydrate</td>
</tr>
</tbody>
</table>

---

### GHS Properties

<table>
<thead>
<tr>
<th></th>
<th>Classification</th>
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<tbody>
<tr>
<td>Acute toxicity</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>EU/CLP • Skin Corrosion 1B OSHA HCS 2012 • Skin Corrosion 1B</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation</td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>EU/CLP • Data lacking OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>EU/CLP • Serious Eye Damage 1 OSHA HCS 2012 • Serious Eye Damage 1</td>
</tr>
</tbody>
</table>
Medical Conditions Aggravated by Exposure

Potential Health Effects

Inhalation

Acute (Immediate)
- May cause coughing, chest pain, shortness of breath, upper respiratory tract irritation, serious damage to lung tissue and respiratory tract.

Chronic (Delayed)
- No data available.

Skin

Acute (Immediate)
- May cause irritation. Irritation is likely to be more severe if the skin is moist or wet.

Chronic (Delayed)
- No data available.

Eye

Acute (Immediate)
- Causes serious eye irritation. May cause burns, irritation, redness, blurred vision.

Chronic (Delayed)
- No data available.

Ingestion

Acute (Immediate)
- Harmful if ingested. May cause burns to mouth and esophagus, nausea, vomiting, and diarrhea.

Chronic (Delayed)
- No data available.

Carcinogenic Effects
- This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Key to abbreviations
LD = Lethal Dose

Section 12 - Ecological Information

12.1 Toxicity

<table>
<thead>
<tr>
<th>Dosage</th>
<th>Species</th>
<th>Duration</th>
<th>Results</th>
<th>Exposure Conditions</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>= 28.5 mg/L</td>
<td>Fish: Gambusia affinis (Western mosquito fish, adult female)</td>
<td>96 Hour(s)</td>
<td>LC50</td>
<td>NDA</td>
<td>NDA</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability
- No specific biodegradation test data located. While the alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

12.3 Bioaccumulative potential
- No data found for product.

12.4 Mobility in Soil
- No data found for product.

12.5 Results of PBT and vPvB assessment
- No data available

12.6 Other adverse effects

Ecological Fate
- No data found for product.

Potential Environmental Effects
- May cause harmful effects to aquatic life.

Section 13 - Disposal Considerations
13.1 Waste treatment methods
Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>UN3077</td>
<td>Environmentally Hazardous Substance, Solid, N.O.S. (Trisodium Phosphate, Anhydrous)</td>
<td>9</td>
<td>III</td>
<td>NDA</td>
</tr>
<tr>
<td>TDG</td>
<td>UN3077</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Trisodium Phosphate, Anhydrous)</td>
<td>9.2</td>
<td>III</td>
<td>Potential Marine Pollutant</td>
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<tr>
<td>IMO/IMDG</td>
<td>UN3077</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Trisodium Phosphate, Anhydrous)</td>
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<td>III</td>
<td>NDA</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>UN3077</td>
<td>Environmentally Hazardous Substance, Solid, N.O.S. (Trisodium Phosphate, Anhydrous)</td>
<td>9</td>
<td>III</td>
<td>NDA</td>
</tr>
</tbody>
</table>

14.6 Special precautions for user
None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Data lacking.

14.8 Other information
DOT This product is regulated for transportation because it contains a reportable quantity of a hazardous substance found in Appendix A to 49 CFR 172.101. Depending on the amount of the hazardous substance present, certain package sizes may be exempt from the transport regulations and can be shipped as non-regulated materials. Please check the ingredient listing to determine if the quantity of hazardous substance present in this product would be regulated in the package size being shipped.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
SARA Hazard Classifications
Acute

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>Canada NDSL</th>
<th>China</th>
<th>EU EINECS</th>
<th>EU ELNICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium salt (1:3) phosphoric acid</td>
<td>7601-54-9</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Inventory (Con't.)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>New Zealand</th>
<th>Philippines PICCS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium salt (1:3) phosphoric acid</td>
<td>7601-54-9</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Canada
### Labor

**Canada - WHMIS - Classifications of Substances**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - E

**Canada - WHMIS - Ingredient Disclosure List**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

### Environment

**Canada - CEPA - Priority Substances List**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

### Germany

**Environment**

**Germany - TA Luft - Types and Classes**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

**Germany - Water Classification (VwVwS) - Annex 1**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

**Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - ID Number 172, hazard class 1  
  - low hazard to waters

**Germany - Water Classification (VwVwS) - Annex 3**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

### Philippines

**Other**

**Philippines - Priority Chemical List**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

### Singapore

**Other**

**Singapore - Corrosive and Explosive Substances - Corrosive Substances**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

### United States

**Labor**

**U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

**Environment**

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

**U.S. - CAA (Clean Air Act) - Class II Ozone Depleters**
- Sodium salt (1:3)phosphoric acid  
  - 7601-54-9  
  - Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**
• Sodium salt (1:3) phosphoric acid

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities
  • Sodium salt (1:3) phosphoric acid

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs
  • Sodium salt (1:3) phosphoric acid

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
  • Sodium salt (1:3) phosphoric acid

U.S. - CERCLA/SARA - Section 313 - Emission Reporting
  • Sodium salt (1:3) phosphoric acid

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing
  • Sodium salt (1:3) phosphoric acid

United States - California

Environment
  U.S. - California - Proposition 65 - Carcinogens List
    • Sodium salt (1:3) phosphoric acid
  U.S. - California - Proposition 65 - Developmental Toxicity
    • Sodium salt (1:3) phosphoric acid
  U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)
    • Sodium salt (1:3) phosphoric acid
  U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)
    • Sodium salt (1:3) phosphoric acid
  U.S. - California - Proposition 65 - Reproductive Toxicity - Female
    • Sodium salt (1:3) phosphoric acid
  U.S. - California - Proposition 65 - Reproductive Toxicity - Male
    • Sodium salt (1:3) phosphoric acid

15.2 Chemical Safety Assessment
  • No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Disclaimer/Statement of Liability

Key to abbreviations
NDA = No Data Available

The information herein is given in good faith but no warranty, expressed or implied, is made.