1. IDENTIFICATION

Product identifier

Product code: S1276
Product Name: SODIUM PHOSPHATE TRIBASIC, ANHYDROUS, FCC

Other means of identification

Synonyms: Trisodium Phosphate Anhydrous; Phosphoric Acid, sodium Salt 1:3); Trisodium Orthophosphate; Tribasic Sodium Phosphate; Tribasic sodium orthophosphate; Trisodium monophosphate, anhydrous
CAS #: 7601-54-9
RTECS #: TC9490000
CI#: Not available

Recommended use of the chemical and restrictions on use

Uses advised against: No information available

Supplier:
Spectrum Chemical Mfg. Corp
14422 South San Pedro St.
Gardena, CA 90248
(310) 516-8000

Order Online At: https://www.spectrumchemical.com

Emergency telephone number
Chemtrec 1-800-424-9300
Contact Person: Martin LaBenz (West Coast)
Contact Person: Ibad Tirmiz (East Coast)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Label elements
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves
Wear eye/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response
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.
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>7601-54-9</td>
<td>100</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
4. FIRST AID MEASURES

First aid measures

**General Advice:**
Poison information centers in each State capital city can provide additional assistance for scheduled poisons (13 1126). First aider needs to protect himself. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**Skin Contact:**
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention. If skin irritation persists, call a physician.

**Eye Contact:**
Flush eyes with water for 15 minutes. Get medical attention.

**Inhalation:**
Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:**
Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**
Irritating to eyes. Irritating to skin. Irritating to eyes and respiratory system. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause purging. Burning sensation in the mouth and stomach.

**Indication of any immediate medical attention and special treatment needed**
Treat symptomatically

**Notes to Physician:**
Treat symptomatically

**Protection of first-aiders**

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste

5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media:**
The product is not flammable. If it is involved in a fire, extinguish the fire using an agent suitable for the type of surrounding fire.

**Unsuitable Extinguishing Media:**
No information available.

**Specific hazards arising from the chemical**

**Hazardous Combustion Products:**
No information available.

**Specific hazards:**
The substance itself does not burn, but may decompose upon heating

**Special Protective Actions for Firefighters**

**Specific Methods:**
No information available.

**Special Protective Equipment for Firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

**Personal Precautions:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Avoid dust formation.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Do not let this chemical enter the environment.

**Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

**Methods for cleaning up** Sweep up and shovel into suitable containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

**Technical Measures/Precautions:** Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials.

**Safe Handling Advice** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not ingest. Do not breathe vapours/dust. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Technical Measures/Storage Conditions:** Hygroscopic. Protect from moisture. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

**Incompatible Materials:** Acids. Metals. Moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

**National occupational exposure limits**

**United States**

<table>
<thead>
<tr>
<th>Components</th>
<th>OSHA</th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>AIHA WHEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>5 mg/m³ STEL</td>
</tr>
<tr>
<td>7601-54-9</td>
<td></td>
<td></td>
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</tbody>
</table>

**Canada**

<table>
<thead>
<tr>
<th>Components</th>
<th>Alberta</th>
<th>British Columbia</th>
<th>Ontario</th>
<th>Quebec</th>
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</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>7601-54-9</td>
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</table>

**Australia and Mexico**

<table>
<thead>
<tr>
<th>Components</th>
<th>Australia</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>7601-54-9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Product code: S1276 Product name: SODIUM PHOSPHATE TRIBASIC, ANHYDROUS, FCC
Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

- **Eye protection:** Goggles.
- **Skin and body protection:** Long sleeved clothing. Chemical resistant apron. Gloves.
- **Respiratory protection:** Wear respirator with dust filter.
- **Hygiene measures:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical state:</strong></td>
<td>Solid</td>
</tr>
<tr>
<td><strong>Appearance:</strong></td>
<td>Crystalline. Crystalline powder. Granular.</td>
</tr>
<tr>
<td><strong>Color:</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Odor:</strong></td>
<td>Odorless</td>
</tr>
<tr>
<td><strong>Taste:</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Formula:</strong></td>
<td>Na3PO4</td>
</tr>
<tr>
<td><strong>Flammability:</strong></td>
<td>No information available</td>
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<tr>
<td><strong>Flash point (°C):</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Lower Explosion Limit (%):</strong> No information available</td>
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<tr>
<td><strong>Upper Explosion Limit (%):</strong> No information available</td>
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<td><strong>Melting point/range(°C/°F):</strong> 1583 °C/2881.4 °F</td>
<td>Boiling point/range(°C/°F): No information available</td>
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<tr>
<td><strong>Bulk density:</strong></td>
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<tr>
<td><strong>Density (g/cm3):</strong></td>
<td>2.54</td>
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<tr>
<td><strong>Flash Point Tested according to:</strong> Not applicable</td>
<td></td>
</tr>
<tr>
<td><strong>Autoignition Temperature (°C/°F):</strong> No information available</td>
<td></td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>11.5-12 (1% solution)</td>
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<tr>
<td><strong>Flammability:</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Decomposition temperature(°C/°F):</strong> No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Viscosity:</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Vapor pressure @ 20°C (kPa):</strong> No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor density:</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Odor threshold (ppm):</strong> No information available</td>
<td></td>
</tr>
<tr>
<td><strong>Miscibility:</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>VOC content (g/L):</strong></td>
<td>No information available</td>
</tr>
<tr>
<td><strong>Solubility:</strong></td>
<td>Soluble in Water. Solubility in Water: 14.5 g/100 g @ 25 °C; 25.8 g/100 g @ 20 °C</td>
</tr>
</tbody>
</table>

Product code: S1276  Product name: SODIUM PHOSPHATE TRIBASIC, ANHYDROUS, FCC
10. STABILITY AND REACTIVITY

Reactivity
Reactive with acids
Reactive with metals
Trisodium phosphate forms strong caustic solution, similar to soda lye

Chemical stability
Stability: Hygroscopic. Stable at normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur


Hazardous decomposition products: Oxides of phosphorus. Sodium oxides.

Other Information
Corrosivity: No information available

Special Remarks on Corrosivity: When wet, mild steel and brass may be corroded by Sodium Phosphate tribasic

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Ingestion. Inhalation. Skin.

Acute Toxicity

Component Information

Sodium Phosphate Tribasic - 7601-54-9

LD50/oral/rat = >2000 mg/kg Oral LD50 Rat (European Commission IUCLID dataset
LD50/oral/mouse = No information available
LD50/dermal/rat = No information available
LD50/dermal/rabbit = >300 mg/kg (RTECS)
>=2 mg/kg Dermal LD50Rabbit (European Commission IUCLID dataset)
LC50/inhalation/rat = >= 2.16 mg/L Inhalation LC50 Rat 1 h (European Commission IUCLID dataset)
LC50/inhalation/mouse = No information available
Other LD50 or LC50 information = 4150 mg/kg Oral LD50 Rat (ICL Performance Products)
>7940 mg/kg Dermal LD50 Rabbit (ICL Performance Products)

Product Information

LD50/oral/rat =
VALUE- Acute Tox Oral = >2000mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = No information available

LD50/dermal/rabbit
VALUE-Acute Tox Dermal = >300mg/kg
LD50/dermal/rat
VALUE -Acute Tox Dermal = No information available

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = >=2.16mg/l (1-hr)

LC50/inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Causes skin irritation. Possible burning pain and corrosive damage. It may be absorbed through the skin.

Eye Contact: Causes eye irritation. It causes immediate and severe pain followed by conjunctival edema and corneal clouding. Later cataract formation may occur. This substance may cause eye burns.

Inhalation Irritating to respiratory system. Symptoms may include coughing, sneezing, choking, difficulty breathing, and pulmonary edema.

Ingestion May cause severe gastrointestinal (digestive) tract irritation with severe nausea, vomiting, abdominal discomfort, violent purging, diarrhea, and burning sensation. Ingestion of large amounts may induce hypocalcemia or hypernatremia characterized by tetanus-like spasms, due to the sequestration of calcium ions by the phosphate moiety. It may also cause caustic burns of the mouth oropharynx, esophagus, or gastrointestinal tract.

Aspiration hazard No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity No information available

Sensitization: No information available

Mutagenic Effects: No information available

Carcinogenic effects: Not considered carcinogenic.

<table>
<thead>
<tr>
<th>Components</th>
<th>IARC</th>
<th>ACGIH - Carcinogens</th>
<th>NTP</th>
<th>OSHA HCS - Carcinogens</th>
<th>Australia - Notifiable Carcinogenic Substances</th>
<th>Australia - Prohibited Carcinogenic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Reproductive toxicity No data is available

Reproductive Effects: No information available
Developmental Effects: No information available
Teratogenic Effects: No information available

Product code: S1276  Product name: SODIUM PHOSPHATE TRIBASIC, ANHYDROUS, FCC
Specific Target Organ Toxicity

STOT - single exposure: Respiratory system, lungs.
STOT - repeated exposure: No information available.
Target Organs: No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: Aquatic environment.

*Sodium Phosphate Tribasic - 7601-54-9*

**Freshwater Fish Species Data:**
- LC50 220 mg/l 96 h Bluegill sunfish
- LC50 120 mg/l 96 h Rainbow trout

**Water Flea Data:**
- 177 mg/l 50 h Daphnia

Persistence and degradability: No information available.
Bioaccumulative potential: No information available.
Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

**Waste from residues / unused products:**
Waste must be disposed of in accordance with Federal, State and Local regulation.

**Contaminated packaging:**
Empty containers should be taken for local recycling, recovery or waste disposal.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

**DOT**

**UN-No:** Not regulated (although listed Table 1 to Appendix A - Hazardous Substances Other Than Radionuclides, it is not regulated for transport in sold quantities, which are below the Reportable Quantity (RQ))

**Proper Shipping Name:** No information available

**Hazard Class:** No information available

**Subsidiary Risk:** No information available

**Packing Group:** None

**ERG No:** No information available

**Marine Pollutant:** No data available

**DOT RQ (lbs):** 5000 lbs/2270 kg

Product code: S1276

Product name: SODIUM PHOSPHATE TRIBASIC, ANHYDROUS, FCC
## 14. TRANSPORT INFORMATION

### TDG (Canada)
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

### ADR
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Packing Group:** No information available
- **Subsidiary Risk:** No information available
- **Classification Code:** No information available
- **Description:** No information available
- **CEFIC Tremcard No:** No information available

### IMO / IMDG
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available
- **IMDG Page:** No information available
- **Marine Pollutant:** No information available
- **MFAG:** No information available
- **Maximum Quantity:** No information available

### RID
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Classification Code:** No information available
- **Description:** No information available

### ICAO
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

### IATA
- **UN-No:** Not Regulated
- **Proper Shipping Name:** No information available
- **Hazard Class:** No information available
- **Subsidiary Risk:** No information available
- **Packing Group:** No information available
- **Description:** No information available

---

**Product code:** S1276  
**Product name:** SODIUM PHOSPHATE TRIBASIC, ANHYDROUS, FCC
15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Components</th>
<th>U.S. TSCA</th>
<th>KOREA KECL</th>
<th>Philippines (PICCS)</th>
<th>Japan ENCS</th>
<th>CHINA</th>
<th>Australia (AICS)</th>
<th>EINECS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>Present</td>
<td>Present KE-34912</td>
<td>Present</td>
<td>Present (1)-497</td>
<td>Present</td>
<td>Present</td>
<td>Present 231-509-8</td>
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</tbody>
</table>

U.S. Regulations

**Sodium Phosphate Tribasic**

- Massachusetts RTK: Present
- New Jersey RTK Hazardous Substance List: 1724
- New Jersey - Discharge Prevention - List of Hazardous Substances: Present
- Pennsylvania RTK: Environmental hazard
- Pennsylvania RTK - Environmental Hazard List: Present
- New York Release Reporting - List of Hazardous Substances: 5000 lb RQ, 100 lb RQ
- Louisiana Reportable Quantity List for Pollutants: 5000lbfinal RQ, 2270kgfinal RQ
- California Directors List of Hazardous Substances: Present
- FDA - Direct Food Additives: 21 CFR 173.310
- FDA - 21 CFR - Total Food Additives: 133.169, 133.173, 133.179, 150.141, 150.161, 173.310, 178.1010, 182.1778, 182.6778, 73.85

**California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.**

- Chemicals Known to the State of California to Cause Cancer:
  - This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

- Chemicals Known to the State of California to Cause Reproductive Toxicity:
  - This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

<table>
<thead>
<tr>
<th>Components</th>
<th>Carcinogen</th>
<th>Developmental Toxicity</th>
<th>Male Reproductive Toxicity</th>
<th>Female Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
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</tbody>
</table>

**CERCLA/SARA**

<table>
<thead>
<tr>
<th>Components</th>
<th>CERCLA - Hazardous Substances and their Reportable Quantities</th>
<th>Section 302 Extremely Hazardous Substances and TPQs</th>
<th>Section 302 Extremely Hazardous Substances and RQs</th>
<th>Section 313 - Chemical Category</th>
<th>Section 313 - Reporting de minimis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>5000 lb final RQ, 2270 kg final RQ</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
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</table>

**U.S. TSCA**

<table>
<thead>
<tr>
<th>Components</th>
<th>TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)</th>
<th>TSCA 8(d) - Health and Safety Reporting</th>
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</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**Canada**

**WHMIS hazard class:**

- E Corrosive material

**Sodium Phosphate Tribasic**

- E

**Product code:** S1276 **Product name:** SODIUM PHOSPHATE TRIBASIC, ANHYDROUS, FCC
Sodium Phosphate Tribasic

Canada Controlled Products Regulation:
This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Inventory

<table>
<thead>
<tr>
<th>Components</th>
<th>Canada (DSL)</th>
<th>Canada (NDSL)</th>
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</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
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<td>Not Listed</td>
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<table>
<thead>
<tr>
<th>Components</th>
<th>CEPA Schedule I - Toxic Substances</th>
<th>CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

EU Classification

**R-phrase(s)**
R41 - Risk of serious damage to eyes.
R37/38 - Irritating to respiratory system and skin.

**S -phrase(s)**
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

<table>
<thead>
<tr>
<th>Components</th>
<th>Classification</th>
<th>Concentration Limits:</th>
<th>Safety Phrases</th>
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</thead>
<tbody>
<tr>
<td>Sodium Phosphate Tribasic</td>
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</tbody>
</table>

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:
Xi - Irritant.

16. OTHER INFORMATION
Disclaimer:

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet