1 Identification

· Product identifier
  · Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
  · Article number: 26503-06
  · Application of the substance / the mixture Laboratory chemicals

· Details of the supplier of the safety data sheet
  · Manufacturer/Supplier:
    Electron Microscopy Sciences
    1560 Industry Road
    USA-Hatfield, PA 19440
    Tel: 215-412-8400  Fax: 215-412-8450
    email: sgkck@aol.com
    www.emsdiasum.com
  · Information department: Product safety department
  · Emergency telephone number:
    ChemTrec 1-800-424-9300 Contract CCN7661
    1-703-527-3887

2 Hazard(s) identification

· Classification of the substance or mixture
  
  ![GHS07]
  Acute Tox. 4 H302 Harmful if swallowed.
  Acute Tox. 4 H312 Harmful in contact with skin.
  Acute Tox. 4 H332 Harmful if inhaled.
  Eye Irrit. 2B H320 Causes eye irritation.

· Label elements
  · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  · Hazard pictograms

  ![GHS07]

· Signal word Warning

· Hazard statements
  Harmful if swallowed, in contact with skin or if inhaled.
  Causes eye irritation.

· Precautionary statements
  Avoid breathing dust/fume/gas/mist/vapors/spray
  Wear protective gloves / protective clothing.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Specific treatment (see on this label).
  IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If eye irritation persists: Get medical advice/attention. Rinse mouth. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

- NFPA ratings (scale 0 - 4)
  - Health = 2
  - Fire = 0
  - Reactivity = 0

- HMIS-ratings (scale 0 - 4)
  - Health = 2
  - Fire = 0
  - Reactivity = 0

Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.
- Dangerous components: Void

4 First-aid measures

- Description of first aid measures
  - General information:
    Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
  - After inhalation:
    Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
  - After skin contact:
    Generally the product does not irritate the skin.
  - After eye contact:
    Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - After swallowing:
    Immediately call a doctor.
  - Information for doctor:
    No further relevant information available.
5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
  - CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respirator protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
  - **Requirements to be met by storerooms and receptacles:** No special requirements.
  - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

- **Breathing equipment:**
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**

  ![Protective gloves]
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

  ![Tightly sealed goggles]

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

  - **General Information**
    - **Appearance:**
      - Form: Liquid
      - Color: Colorless
      - Odor: Odorless
      - Odor threshold: Not determined.
    - **pH-value:** Not determined.
    - **Change in condition**
      - Melting point/Melting range: Undetermined.
      - Boiling point/Boiling range: 100 °C (212 °F)
    - **Flash point:** Not applicable.
    - **Flammability (solid, gaseous):** Not flammable.
    - **Ignition temperature:**
      - Decomposition temperature: Not determined.
      - Auto igniting: Product is not selfigniting.
    - **Danger of explosion:** Product does not present an explosion hazard.
### Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

<table>
<thead>
<tr>
<th>· Explosion limits:</th>
<th>Not determined.</th>
</tr>
</thead>
<tbody>
<tr>
<td>· Lower:</td>
<td></td>
</tr>
<tr>
<td>· Upper:</td>
<td></td>
</tr>
<tr>
<td>· Vapor pressure:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>· Density at 20 °C (68 °F):</td>
<td>1 g/cm³ (8.345 lbs/gal)</td>
</tr>
<tr>
<td>· Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>· Vapor density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>· Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>· Solubility in / Miscibility with Water:</td>
<td>Fully miscible.</td>
</tr>
<tr>
<td>· Partition coefficient (n-octanol/water):</td>
<td>Not determined.</td>
</tr>
<tr>
<td>· Viscosity:</td>
<td></td>
</tr>
<tr>
<td>· Dynamic:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>· Kinematic:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>· Solvent content:</td>
<td></td>
</tr>
<tr>
<td>· Organic solvents:</td>
<td>0.0 %</td>
</tr>
<tr>
<td>· Water:</td>
<td>99.0 %</td>
</tr>
<tr>
<td>· VOC content:</td>
<td>0.0 g/l / 0.00 lb/gl</td>
</tr>
<tr>
<td>· Other information</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>

### 10 Stability and reactivity

- **Reactivity**: No further relevant information available.
- **Chemical stability**: No decomposition if used according to specifications.
- **Thermal decomposition / conditions to be avoided**: No decomposition if used according to specifications.
- **Possibility of hazardous reactions**: No dangerous reactions known.
- **Conditions to avoid**: No further relevant information available.
- **Incompatible materials**: No further relevant information available.
- **Hazardous decomposition products**: No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
  - **Primary irritant effect:**
    - **on the skin**: No irritant effect.
    - **on the eye**: Irritating effect.
- **Sensitization**: No sensitizing effects known.
- **Additional toxicological information**: The product shows the following dangers according to internally approved calculation methods for preparations:
  - Harmful
  - Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

  None of the ingredients is listed.
### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
  - **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
  - **Bioaccumulative potential:** No further relevant information available.
  - **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
  - **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.
  - **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- **UN-Number**
  - **DOT, ADR, IMDG, IATA** Void
- **UN proper shipping name**
  - **DOT, ADR, IMDG, IATA** Void
- **Transport hazard class(es)**
  - **DOT, ADR, IMDG, IATA** Void
  - **Class** Void
- **Packing group**
  - **DOT, ADR, IMDG, IATA** Void
- **Environmental hazards:**
  - Not applicable.
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara
    - Section 355 (extremely hazardous substances):
      None of the ingredients is listed.
    - Section 313 (Specific toxic chemical listings):
      None of the ingredients is listed.
  - TSCA (Toxic Substances Control Act):
    All ingredients are listed.
  - Proposition 65
    - Chemicals known to cause cancer:
      None of the ingredients is listed.
    - Chemicals known to cause reproductive toxicity for females:
      None of the ingredients is listed.
    - Chemicals known to cause reproductive toxicity for males:
      None of the ingredients is listed.
    - Chemicals known to cause developmental toxicity:
      None of the ingredients is listed.

- Carcinogenic categories
  - EPA (Environmental Protection Agency)
    None of the ingredients is listed.
  - TLV (Threshold Limit Value established by ACGIH)
    None of the ingredients is listed.
  - NIOSH-Ca (National Institute for Occupational Safety and Health)
    None of the ingredients is listed.

- GHS label elements
  The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms

![GHS07]

- Signal word WARNING
- Hazard statements
  Harmful if swallowed, in contact with skin or if inhaled.
  Causes eye irritation.
- Precautionary statements
  Avoid breathing dust/fume/gas/mist/vapors/spray
  Wear protective gloves / protective clothing.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

Use only outdoors or in a well-ventilated area.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If eye irritation persists: Get medical advice/attention.
Rinse mouth.
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Date of preparation / last revision 01/14/2016 / -
- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  HMIS: Hazardous Materials Identification System (USA)
  VOC: Volatile Organic Compounds (USA, EU)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: National Institute for Occupational Safety
  OSHA: Occupational Safety Health
  TLV: Threshold Limit Value
  PEL: Permissible Exposure Limit
  REL: Recommended Exposure Limit
  Acute Tox. 4: Acute toxicity, Hazard Category 4
  Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
- **Article number:** 26503-06
- **Relevant identified uses of the substance or mixture and uses advised against**
  No further relevant information available.
- **Application of the substance / the mixture** Laboratory chemicals

- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**
    Electron Microscopy Sciences
    1560 Industry Road
    USA-Hatfield, PA 19440
    Tel: 215-412-8400  Fax: 215-412-8450
    email: sgkcck@aol.com
    www.emsdiasum.com
  - **ProSciTech Pty Ltd**
    11 Carlton Street, Kirwan QLD 4817 Australia
    Telephone Number: (07) 4773 9444 - 8:30am - 5:00pm, Monday to Friday (excluding Public Holidays)
    Emergency Contact: (07) 4773 9444 - 8:30am - 5:00pm, Monday to Friday (excluding Public Holidays)
  - **Emgrid Australia Pty. Ltd.**
    P.O. Box 118
    The Patch VIC 3792
    Australia
    Tel: 03 9752 1785
    Fax: 03 9752 1784
    Website: www.emgrid.com.au
  - **Further information obtainable from:** Product safety department
  - **Emergency telephone number:**
    ChemTrec 1-800-424-9300 Contract CCN7661
    1-703-527-3887

2 Hazards identification

- **Classification of the substance or mixture**

  ![GHS07](image)

  Acute Tox. 4  H302  Harmful if swallowed.
  Acute Tox. 4  H312  Harmful in contact with skin.
  Acute Tox. 4  H332  Harmful if inhaled.
  Eye Irrit. 2   H319  Causes serious eye irritation.

- **Label elements**
  - **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
  - **Hazard pictograms**

  ![GHS07](image)

- **Signal word** Warning

(Contd. on page 2)
Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.01.2016
Revision: 14.01.2016

Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- **Hazard statements**
  Harmful if swallowed, in contact with skin or if inhaled.
  Causes serious eye irritation.

- **Precautionary statements**
  Avoid breathing dust/fume/gas/mist/vapours/spray.
  Wear protective gloves / protective clothing.
  Wear eye protection / face protection.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Specific treatment (see on this label).
- **IF SWALLOWED:** Call a POISON CENTER/doctor if you feel unwell.
- **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.
  If eye irritation persists: Get medical advice/attention.
  Rinse mouth.
- **IF ON SKIN:** Wash with plenty of water.
  Take off contaminated clothing and wash it before reuse.
  Store in a well-ventilated place. Keep container tightly closed.
  Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterisation:** Mixtures
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **General information:**
  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
  Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
  In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Call for a doctor immediately.
- **Information for doctor:**
  *Most important symptoms and effects, both acute and delayed* No further relevant information available.
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

5 Firefighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - Special hazards arising from the substance or mixture No further relevant information available.
  - Advice for firefighters
    - Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions: Dilute with plenty of water.
- Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
- Reference to other sections
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

7 Handling and storage

- Handling:
  - Precautions for safe handling
    - Ensure good ventilation/exhaustion at the workplace.
    - Prevent formation of aerosols.
  - Information about fire - and explosion protection: No special measures required.
  - Conditions for safe storage, including any incompatibilities
  - Storage:
    - Requirements to be met by storerooms and receptacles: No special requirements.
    - Information about storage in one common storage facility: Not required.
    - Further information about storage conditions: Keep container tightly sealed.
  - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace:
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
· Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
· Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties
· General Information
· Appearance:
  · Form: Liquid
  · Colour: Colourless
· Odour:
· Odour threshold: Not determined.
· pH-value: Not determined.
· Change in condition
  · Melting point/Melting range: Undetermined.
  · Boiling point/Boiling range: 100 °C
· Flash point: Not applicable.
· Flammability (solid, gaseous): Not applicable.
### 4. Physical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ignition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Self-igniting</td>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td>Danger of explosion</td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>Explosion limits</td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Density at 20 °C</td>
<td>1 g/cm³</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility in / Miscibility with water</td>
<td>Fully miscible.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Kinematic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solvent content</td>
<td></td>
</tr>
<tr>
<td>Organic solvents</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Water</td>
<td>99.0 %</td>
</tr>
<tr>
<td>VOC (EC)</td>
<td>0.00 %</td>
</tr>
<tr>
<td>Other information</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

- **Reactivity**: No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided**: No decomposition if used according to specifications.
  - **Possibility of hazardous reactions**: No dangerous reactions known.
  - **Conditions to avoid**: No further relevant information available.
  - **Incompatible materials**: No further relevant information available.
  - **Hazardous decomposition products**: No dangerous decomposition products known.

### 11. Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**
- **Primary irritant effect**
- **Skin corrosion/irritation**: No irritant effect.
- **Serious eye damage/irritation**: Irritating effect.
- **Respiratory or skin sensitisation**: No sensitising effects known.
- **Additional toxicological information**
  - The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
  - **Harmful**
# 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
  - **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

# 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
  Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

# 14 Transport information

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN-Number</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>ADG, ADN, IMDG, IATA</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>UN proper shipping name</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>ADG, ADN, IMDG, IATA</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>Transport hazard class(es)</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>ADG, ADN, IMDG, IATA</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>Class</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>Packing group</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>ADG, IMDG, IATA</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>Environmental hazards:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Transport in bulk according to Annex II of Marpol and the IBC Code</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>UN &quot;Model Regulation&quot;:</strong></td>
<td>Void</td>
</tr>
</tbody>
</table>

(Contd. on page 7)
15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
  · Australian Inventory of Chemical Substances
    All ingredients are listed.
  · Standard for the Uniform Scheduling of Medicines and Poisons
    None of the ingredients is listed.
  · GHS label elements
    The product is classified and labelled according to the Globally Harmonised System (GHS).
  · Hazard pictograms

GHS07

· Signal word Warning
· Hazard statements
  Harmful if swallowed, in contact with skin or if inhaled.
  Causes serious eye irritation.
· Precautionary statements
  Avoid breathing dust/fume/gas/mist/vapours/spray.
  Wear protective gloves / protective clothing.
  Wear eye protection / face protection.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Specific treatment (see on this label).
  IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  IF eye irritation persists: Get medical advice/attention.
  IF ON SKIN: Wash with plenty of water.
  Take off contaminated clothing and wash it before reuse.
  Store in a well-ventilated place. Keep container tightly closed.
  Dispose of contents/container in accordance with local/regional/national/international regulations.

· Directive 2012/18/EU
· Named dangerous substances
  · ANNEX I None of the ingredients is listed.
· Chemical safety assessment
  A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Abbreviations and acronyms:
  ADR: Accord européen sur le transport 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
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
<table>
<thead>
<tr>
<th>Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC: Volatile Organic Compounds (USA, EU)</td>
</tr>
<tr>
<td>PBT: Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB: very Persistent and very Bioaccumulative</td>
</tr>
<tr>
<td>Acute Tox. 4: Acute toxicity, Hazard Category 4</td>
</tr>
<tr>
<td>Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2</td>
</tr>
</tbody>
</table>

(Contd. of page 7)
1 Identification

· Product identifier

· Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

· Article number: 26503-06

· Application of the substance / the mixture Laboratory chemicals

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier:
  Electron Microscopy Sciences
  1560 Industry Road
  USA-Hatfield, PA 19440
  Tel: 215-412-8400 Fax: 215-412-8450
  email: sgkck@aol.com
  www.emsdiasum.com

· Information department: Product safety department

· Emergency telephone number:
  ChemTrec 1-800-424-9300 Contract CCN7661
  1-703-527-3887

2 Hazard(s) identification

· Classification of the substance or mixture

![GHS07]

Acute Toxicity (Oral) - Category 4  H302 Harmful if swallowed.
Acute Toxicity (Dermal) – Category 4  H312 Harmful in contact with skin.
Acute Toxicity (Inhalation) - Category 4  H332 Harmful if inhaled.

Eye Irritation - Category 2B  H320 Causes eye irritation.

· Label elements

· GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms

![GHS07]

· Signal word Warning

· Hazard statements
  Harmful if swallowed, in contact with skin or if inhaled.
  Causes eye irritation.

· Precautionary statements
  Avoid breathing dust/fume/gas/mist/vapours/spray.
  Wear protective gloves/protective clothing/eye protection/face protection.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Specific measures (see on this label).
  IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Wash contaminated clothing before reuse. If eye irritation persists: Get medical advice/attention. Rinse mouth.

IF ON SKIN: Wash with plenty of water. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.

- Hazard description:
- WHMIS-symbols:
  D2B - Toxic material causing other toxic effects

- Classification system:
- NFPA ratings (scale 0 - 4)
  Health = 2
  Fire = 0
  Reactivity = 0

- HMIS-ratings (scale 0 - 4)
  HEALTH 2 Health = 2
  FIRE 0 Fire = 0
  REACTIVITY 0 Reactivity = 0

- Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.
- Dangerous components: Void

4 First-aid measures

- Description of first aid measures
- General information:
  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation:
  Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
  In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact:
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Immediately call a doctor.
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- Information for doctor:
  - Most important symptoms and effects, both acute and delayed: No further relevant information available.
  - Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:
  CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Advice for firefighters
- Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required.
- Environmental precautions: Dilute with plenty of water.
- Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
- Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

- Handling:
- Precautions for safe handling
  Ensure good ventilation/exhaustion at the workplace.
  Prevent formation of aerosols.
- Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
- Components with limit values that require monitoring at the workplace:
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the creation were used as basis.
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- **Exposure controls**
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
    Keep away from foodstuffs, beverages and feed.
    Immediately remove all soiled and contaminated clothing.
    Wash hands before breaks and at the end of work.
    Avoid contact with the eyes.
    Avoid contact with the eyes and skin.
- **Breathing equipment:**
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
  
  Protective gloves

  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
  
  Tightly sealed goggles

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
  - **Appearance:**
    - Form: Liquid
    - Color: Colorless
  - **Odor:**
    - Odor threshold:
    - Odorless
  - **pH-value:**
    - Not determined.
  - **Change in condition**
    - Melting point/Melting range: Undetermined.
    - Boiling point/Boiling range: 100 °C
  - **Flash point:**
    - Not applicable.
  - **Flammability (solid, gaseous):**
    - Not flammable.
### 10 Stability and reactivity

- **Reactivity**: No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided**: No decomposition if used according to specifications.
  - **Possibility of hazardous reactions**: No dangerous reactions known.
  - **Conditions to avoid**: No further relevant information available.
  - **Incompatible materials**: No further relevant information available.
  - **Hazardous decomposition products**: No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**
  - **Primary irritant effect**:
    - **on the skin**: No irritant effect.
    - **on the eye**: Irritating effect.
  - **Sensitization**: No sensitizing effects known.
- **Additional toxicological information**:
  The product shows the following dangers according to internally approved calculation methods for preparations:
  - **Harmful**
  - **Irritant**
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability No further relevant information available.
  - Behavior in environmental systems:
  - Bioaccumulative potential No further relevant information available.
  - Mobility in soil No further relevant information available.
- Additional ecological information:
  - General notes: Generally not hazardous for water
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation:
  Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- UN-Number
  - DOT, TDG, ADN, IMDG, IATA Void
- UN proper shipping name
  - DOT, TDG, ADN, IMDG, IATA Void
- Transport hazard class(es)
  - DOT, TDG, ADN, IMDG, IATA Void
  - Class Void
- Packing group
  - DOT, TDG, IMDG, IATA Void
- Environmental hazards: Not applicable.
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- Special precautions for user: Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.
- UN "Model Regulation": Void

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara
  - Section 355 (extremely hazardous substances): None of the ingredients is listed.
  - Section 313 (Specific toxic chemical listings): None of the ingredients is listed.
  - TSCA (Toxic Substances Control Act): All ingredients are listed.
- Proposition 65
  - Chemicals known to cause cancer: None of the ingredients is listed.
  - Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.
  - Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.
  - Chemicals known to cause developmental toxicity: None of the ingredients is listed.
- Carcinogenic categories
  - EPA (Environmental Protection Agency): None of the ingredients is listed.
  - TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.
  - NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.
- Canadian substance listings:
  - Canadian Domestic Substances List (DSL): All ingredients are listed.
  - Canadian Ingredient Disclosure list (limit 0.1%): None of the ingredients is listed.
  - Canadian Ingredient Disclosure list (limit 1%): None of the ingredients is listed.
- GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- **Hazard pictograms**

  GHS07

- **Signal word** Warning

- **Hazard statements**
  Harmful if swallowed, in contact with skin or if inhaled.
  Causes eye irritation.

- **Precautionary statements**
  Avoid breathing dust/fume/gas/mist/vapours/spray.
  Wear protective gloves/protective clothing/eye protection/face protection.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  Specific measures (see on this label).
  IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
  IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  Wash contaminated clothing before reuse.
  If eye irritation persists: Get medical advice/attention.
  Rinse mouth.
  IF ON SKIN: Wash with plenty of water.
  Store in a well-ventilated place. Keep container tightly closed.
  Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Chemical safety assessment**: A Chemical Safety Assessment has not been carried out.

---

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision** 01/14/2016 / -

- **Abbreviations and acronyms**:
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  WHMIS: Workplace Hazardous Materials Information System (Canada)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: National Institute for Occupational Safety
  OSHA: Occupational Safety Health

  Acute Toxicity (Oral) - Category 4: Acute toxicity, Hazard Category 4
  Eye Irritation - Category 2B: Serious eye damage/eye irritation, Hazard Category 2B
SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
  - Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
  - Article number: 26503-06

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - No further relevant information available.

- 1.3 Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:
    Electron Microscopy Sciences
    1560 Industry Road
    USA-Hatfield, PA 19440
  - Phone: 215-412-8400  Fax: 215-412-8450
  - email: sgkck@aol.com
  - www.emsdiasum.com

- 1.4 Emergency telephone number:
  - ChemTrec 1-800-424-9300 Contract CCN7661
  - 1-703-527-3887

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
  - Classification according to Regulation (EC) No 1272/2008
    - GHS07
      - Acute Tox. 4 H302 Harmful if swallowed.
      - Acute Tox. 4 H312 Harmful in contact with skin.
      - Acute Tox. 4 H332 Harmful if inhaled.

- 2.2 Label elements
  - Labelling according to Regulation (EC) No 1272/2008
    - The product is classified and labelled according to the CLP regulation.
    - Hazard pictograms
      - GHS07

- Signal word Warning
- Hazard statements
  - H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.
- Precautionary statements
  - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection.
  - P321 Specific treatment (see on this label).
  - P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
  - P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 2)
SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures
  · Description: Mixture of substances listed below with nonhazardous additions.
  · Dangerous components: Void
  · Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures
  · General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
  · After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
    In case of unconsciousness place patient stably in side position for transportation.
  · After skin contact: Generally the product does not irritate the skin.
  · After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  · After swallowing: Call for a doctor immediately.
  · 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
  · 4.3 Indication of any immediate medical attention and special treatment needed
    No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media
  · Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  · 5.2 Special hazards arising from the substance or mixture No further relevant information available.
  · 5.3 Advice for firefighters
  · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Not required.
  · 6.2 Environmental precautions: Dilute with plenty of water.
  · 6.3 Methods and material for containment and cleaning up:
    Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
    Dispose contaminated material as waste according to item 13.
    Ensure adequate ventilation.
  · 6.4 Reference to other sections
    See Section 7 for information on safe handling.
    See Section 8 for information on personal protection equipment.
SECTION 7: Handling and storage

· 7.1 Precautions for safe handling
   Ensure good ventilation/exhaustion at the workplace.
   Prevent formation of aerosols.
· Information about fire - and explosion protection: No special measures required.
· 7.2 Conditions for safe storage, including any incompatibilities
   · Storage:
     · Requirements to be met by storerooms and receptacles: No special requirements.
     · Information about storage in one common storage facility: Not required.
     · Further information about storage conditions: Keep container tightly sealed.
· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.
· 8.1 Control parameters
   · Ingredients with limit values that require monitoring at the workplace:
     The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
   · Additional information: The lists valid during the making were used as basis.
· 8.2 Exposure controls
   · Personal protective equipment:
     · General protective and hygienic measures:
       Keep away from foodstuffs, beverages and feed.
       Immediately remove all soiled and contaminated clothing
       Wash hands before breaks and at the end of work.
       Avoid contact with the eyes.
       Avoid contact with the eyes and skin.
     · Respiratory protection:
       In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
   · Protection of hands:
     Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· Material of gloves
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
**Trade name:** SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
      - Form: Liquid
      - Colour: Colourless
    - Odour: Odourless
    - Odour threshold: Not determined.
  - **pH-value:** Not determined.
  - **Change in condition**
    - Melting point/Melting range: Undetermined.
    - Boiling point/Boiling range: 100 °C
  - **Flash point:** Not applicable.
  - **Flammability (solid, gaseous):** Not applicable.
  - **Ignition temperature:**
    - Decomposition temperature: Not determined.
  - **Self-igniting:** Product is not selfigniting.
  - **Danger of explosion:** Product does not present an explosion hazard.
  - **Explosion limits:**
    - Lower: Not determined.
    - Upper: Not determined.
  - **Vapour pressure:** Not determined.
  - **Density at 20 °C:** 1 g/cm³
  - **Relative density** Not determined.
  - **Vapour density** Not determined.
  - **Evaporation rate** Not determined.
  - **Solubility in / Miscibility with water:** Fully miscible.
  - **Partition coefficient (n-octanol/water):** Not determined.
  - **Viscosity:**
    - Dynamic: Not determined.
    - Kinematic: Not determined.
  - **Solvent content:**
    - Organic solvents: 0.0 %
    - Water: 99.0 %
    - VOC (EC): 0.00 %

(Contd. on page 5)
Trade name: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

9.2 Other information
No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions
No dangerous reactions known.

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials:
No further relevant information available.

10.6 Hazardous decomposition products:
No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
Harmful if swallowed, in contact with skin or if inhaled.

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Generally not hazardous for water

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
SECTION 14: Transport information

- 14.1 UN-Number
  - ADR, ADN, IMDG, IATA Void

- 14.2 UN proper shipping name
  - ADR, ADN, IMDG, IATA Void

- 14.3 Transport hazard class(es)
  - ADR, ADN, IMDG, IATA Void
  - Class Void

- 14.4 Packing group
  - ADR, IMDG, IATA Void

- 14.5 Environmental hazards:
  - Not applicable.

- 14.6 Special precautions for user
  - Not applicable.

- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
  - Not applicable.

- UN "Model Regulation": Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Directive 2012/18/EU
  - Named dangerous substances - ANNEX I None of the ingredients is listed.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Abbreviations and acronyms:
  - ADR: Accord européen sur le transport 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
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - VOC: Volatile Organic Compounds (USA, EU)
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 4: Acute toxicity, Hazard Category 4
RUBRIEK 1: Identificatie van de stof of het mengsel en van de vennootschap/onderneming

1.1 Productidentificatie

- **Handelsnaam:** SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
- **Artikelnummer:** 26503-06

1.2 Relevant geïdentificeerd gebruik van de stof of het mengsel en ontraden gebruik

Geen verdere relevante informatie verkrijgbaar.

1.3 Details betreffende de verstrekker van het veiligheidsinformatieblad

- **Fabrikant/leverancier:**
  
  Electron Microscopy Sciences
  
  1560 Industry Road
  
  USA-Hatfield, PA 19440
  
  Tel: 215-412-8400  Fax: 215-412-8450
  
  email: sgkck@aol.com
  
  www.emsdiasum.com

- **Aurion**
  
  Binnenhaven 5
  
  6709 PD Wageningen
  
  The Netherlands
  
  Tel: 31 317 415094
  
  Fax: 31 317 415955
  
  email: info@aurion.nl

- **Inlichtingengevende sector:** Product safety department

1.4 Telefoonnummer voor noodgevallen:

ChemTrec 1-800-424-9300 Contract CCN7661

1-703-527-3887

RUBRIEK 2: Identificatie van de gevaren

2.1 Indeling van de stof of het mengsel

Indeling overeenkomstig Verordening (EG) nr. 1272/2008

- **GHS07**

  Acute Tox. 4  H302  Schadelijk bij inslikken.
  
  Acute Tox. 4  H312  Schadelijk bij contact met de huid.
  
  Acute Tox. 4  H332  Schadelijk bij inademing.

2.2 Etiketteringselementen

- **Etikettering overeenkomstig Verordening (EG) nr. 1272/2008**

  Het product is geclassificeerd en geëtiketteerd volgens de CLP-verordening.

- **Gevarenpictogrammen**

  - **GHS07**

- **Signaalwoord** Waarschuwing

- **Gevarenaanduidingen**

  H302+H312+H332 Schadelijk bij inslikken, bij contact met de huid en bij inademing.

(Vervolg op blz. 2)
Veiligheidsinformatieblad volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.01.2016

Handelsnaam: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

(Vervolg van blz. 1)

- Veiligheidsaanbevelingen
  P261 Inademing van stof/rook/gas/nevel/damp/spuinevel vermijden.
  P280 Beschermende handschoenen/beschermende kleding/oogbescherming/gelaatsbescherming dragen.
  P321 Specifieke behandeling vereist (zie op dit etiket).
  P301+P312 NA INSLIKKEN: bij onwel voelen een ANTIGIFCENTRUM/artis raadplegen.
  P304+P340 NA INADEMING: de persoon in de frisse lucht brengen en ervoor zorgen dat deze gemakkelijk kan ademen.
  P501 De inhoud en de verpakking verwerken volgens de plaatselijke/regionale/nationale/internationale voorschriften.

- 2.3 Andere gevaren
  - Resultaten van PBT- en zPzB-beoordeling
    - PBT: Niet bruikbaar.
    - zPzB: Niet bruikbaar.

RUBRIEK 3: Samenstelling en informatie over de bestanddelen

- 3.2 Chemische karakterisering: Mengsels
  - Beschrijving: Mengsel van na elkaar aangevoerde stoffen met ongevaarlijke bijmengingen.
  - Gevaarlijke inhoudstoffen: Niet van toepassing
  - Aanvullende gegevens:
    De woordelijke inhoud van de opgegeven aanwijzingen inzake de mogelijke gevaren is te vinden in hoofdstuk 16.

RUBRIEK 4: Eerstehulpmaatregelen

- 4.1 Beschrijving van de eerstehulpmaatregelen
  - Algemene informatie:
    Het is mogelijk dat vergiftigingssymptomen pas na vele uren optreden. Om deze reden is medische controle gedurende minstens 48 uur na een ongeval noodzakelijk.
  - Na het inademen:
  - Na huidcontact: Over het algemeen is het produkt niet prikkelend voor de huid
  - Na oogcontact:
    De ogen gedurende verscheidene minuten onder stromend water afspoelen terwijl de oogspleet geopend blijft. Bij aanhoudende klachten een dokter raadplegen.
  - Na inslikken: Onmiddellijk arts raadplegen.
  - 4.2 Belangrijkste acute en uitgestelde symptomen en effecten
    Geen verdere relevante informatie verkrijgbaar.
  - 4.3 Vermelding van de vereiste onmiddellijke medische verzorging en speciale behandeling
    Geen verdere relevante informatie verkrijgbaar.

RUBRIEK 5: Brandbestrijdingsmaatregelen

- 5.1 Blusmiddelen
  - Geschikte blusmiddelen:
    CO2, bluspoeder of waterstraal. Grotere brand met waterstraal bestrijden of met schuim, dat tegen alcohol bestand is.
  - 5.2 Speciale gevaren die door de stof of het mengsel worden veroorzaakt
    Geen verdere relevante informatie verkrijgbaar.

(Vervolg op blz. 3)
Veiligheidsinformatieblad
volgens 1907/2006/EG, Artikel 31

Handelsnaam: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

5.3 Advies voor brandweerlieden

Speciale beschermende kleding: Ademhalingstoestel aantrekken.

RUBRIEK 6: Maatregelen bij het accidenteel vrijkomen van de stof of het mengsel

6.1 Persoonlijke voorzorgsmaatregelen, beschermd uitrusting en noodprocedures

Niet nodig.

6.2 Milieuvoorzorgsmaatregelen: Met veel water verdunnen.

6.3 Insluitings- en reinigingsmethoden en -materiaal:
Met vloeistofbindend materiaal (zand, bergmeel, zuurbinder, universele binder, zaagmeel) opnemen.
Besmet materiaal zoals afval volgens punt 13 verwijderen.
Voor voldoende ventilatie zorgen.

6.4 Verwijzing naar andere rubrieken

Informatie inzake veilig gebruik - zie hoofdstuk 7.
Informatie inzake persoonlijke beschermingsuitrusting - zie hoofdstuk 8.
Informatie inzake berging - zie hoofdstuk 13.

RUBRIEK 7: Hantering en opslag

7.1 Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel

Voor goede ventilatie/afzuiging op de werkplaatsen zorgen.
Aërosolvorming vermijden.

Informatie m.b.t. brand- en ontploffingsgevaar: Geen bijzondere maatregelen noodzakelijk.

7.2 Voorwaarden voor een veilige opslag, met inbegrip van incompatibele producten

Opslag:

Eisen ten opzichte van opslagruimte en tanks: Geen bijzondere eisen.

Informatie m.b.t. gezamenlijke opslag: Niet noodzakelijk.

Verdere inlichtingen over eisen m.b.t. de opslag: Tanks ondoorzichtig gesloten houden.

7.3 Specifiek eindgebruik
Geen verdere relevante informatie verkrijgbaar.

RUBRIEK 8: Maatregelen ter beheersing van blootstelling/persoonlijke bescherming

8.1 Controleparameters

8.2 Maatregelen ter beheersing van blootstelling

Persoonlijke beschermingsvoorzieningen:

algemene beschermings- en gezondheidsmaatregelen:

verwijderd houden van eet- en drinkwaren.

Verontreinigde kleding onmiddellijk uittrekken.
Vóór de pauze en aan het einde van werktijd handen wassen.
Aanraking met de ogen vermijden.
Aanraking met de ogen en de huid vermijden.

Ademhalingsbescherming:

Bij korte of geringe belasting ademfiltertoestel; bij intensieve resp. langdurige expositie een van de omringende lucht onafhankelijk ademhalingstoestel gebruiken.
**Veiligheidsinformatieblad**

**Handelsnaam:** SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

---

**Handbescherming:**

Veiligheidshandschoenen


**Handschoenmateriaal**

De keuze van een geschikte handschoen is niet alleen afhankelijk van het materiaal, maar ook van andere kwaliteitskenmerken en verschilt van fabrikant tot fabrikant. Aangezien het product uit meerdere stoffen is samengesteld, is de duurzaamheid van de handschoenmaterialen niet vooraf berekenbaar en moet derhalve vóór het gebruik worden getest.

**Doordringingstijd van het handschoenmateriaal**

De precieze penetratietijd kunt u te weten komen bij de handschoenfabrikant; houd er rekening mee.

**Oogbescherming:**

Nauw aansluitende veiligheidsbril

---

### RUBRIEK 9: Fysische en chemische eigenschappen

**9.1 Informatie over fysische en chemische basiseigenschappen**

- **Algemene gegevens**
  - **Vorm:** Vloeistof
  - **Kleur:** Kleurloos
  - **Reuk:** Reukloos
  - **Geurdrempelwaarde:** Niet bepaald.

- **pH-waarde:** Niet bepaald.

- **Toestandsverandering**
  - **Smeltpunt/smeltbereik:** Niet bepaald.
  - **Kookpunt/kookpuntbereik:** 100 °C

- **Vlampunt:** Niet bruikbaar.

- **Ontvlambaarheid (vast, gasvormig):** Niet bruikbaar.

- **Ontstekingstemperatuur:**
  - **Ontbindingstemperatuur:** Niet bepaald.
  - **Zelfonsteking:** Het produkt ontbrandt niet uit zichzelf.

- **Ontploffingsgevaar:** Het produkt is niet ontploffingsgevaarlijk.

- **Ontploffingsgrenzen:**
  - **Onderste:** Niet bepaald.
  - **Bovenste:** Niet bepaald.

- **Dampspanning:**
  - **Dichtheid bij 20 °C:** 1 g/cm³

---

(Vervolg op blz. 5)
Handelsnaam: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

(Roverg van blz. 4)

- Relatieve dichtheid: Niet bepaald.
- Dampdichtheid: Niet bepaald.
- Verdampingssnelheid: Niet bepaald.

- Oplosbaarheid in/mengbaarheid met Water: Volledig mengbaar.
- Verdelingscoëfficiënt (n-octanol/water): Niet bepaald.

- Viscositeit
  - Dynamisch: Niet bepaald.
  - Kinematisch: Niet bepaald.

- Oplosmiddelgehalte:
  - Organisch oplosmiddel: 0.0 %
  - Water: 99.0 %
  - VOC (EG): 0.00 %

- 9.2 Overige informatie: Geen verdere relevante informatie verkrijgbaar.

RUBRIEK 10: Stabiliteit en reactiviteit

- 10.1 Reactiviteit: Geen verdere relevante informatie verkrijgbaar.
- 10.2 Chemische stabiliteit
  - Thermische afbraak / te vermijden omstandigheden: Geen afbraak bij gebruik volgens voorschrift.
  - 10.3 Mogelijke gevaarlijke reacties: Geen gevaarlijke reacties bekend.
  - 10.4 Te vermijden omstandigheden: Geen verdere relevante informatie verkrijgbaar.
  - 10.5 Chemische op elkaar inwerkende materialen: Geen verdere relevante informatie verkrijgbaar.
  - 10.6 Gevaarlijke ontledingsproducten: Geen gevaarlijke ontbindingsprodukten bekend.

RUBRIEK 11: Toxicologische informatie

- 11.1 Informatie over toxicologische effecten
  - Acute toxiciteit
    - Schadelijk bij inslikken, bij contact met de huid en bij inademen.
  - Primaire aandoeningen:
    - Huidcorrosie/-irritatie: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
    - Ernstig oogletsel/oogirritatie: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
    - Sensibilisatie van de luchtwegen/de huid: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
  - CMR-effecten (kankerverwekkendheid, mutageniteit en giftigheid voor de voortplanting)
    - Mutageniteit in geslachtscellen: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
    - Kankerverwekkendheid: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
    - Giftigheid voor de voortplanting: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
    - STOT bij eenmalige blootstelling: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
    - STOT bij herhaalde blootstelling: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
    - Gevaar bij inademing: Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

RUBRIEK 12: Ecologische informatie

- 12.1 Toxiciteit
  - Aquatische toxiciteit: Geen verdere relevante informatie verkrijgbaar.
- 12.2 Persistentie en afbreekbaarheid: Geen verdere relevante informatie verkrijgbaar.

(Vervolg op blz. 6)
Handelsnaam: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

12.3 Bioaccumulatie
Geen verdere relevante informatie verkrijgbaar.

12.4 Mobiliteit in de bodem
Geen verdere relevante informatie verkrijgbaar.

Verdere ecologische informatie:

- Algemene informatie:
  Waterbezwaarlijkheid (NL) 11: Weinig schadelijk voor water levende organismen.
  Over het algemeen geen gevaar voor water

12.5 Resultaten van PBT- en zPzB-beoordeling
- PBT: Niet bruikbaar.
- zPzB: Niet bruikbaar.

12.6 Andere schadelijke effecten
Geen verdere relevante informatie verkrijgbaar.

RUBRIEK 13: Instructies voor verwijdering

13.1 Afvalverwerkingsmethoden
- Aanbeveling: Mag niet terechtkomen of in de riolering terechtkomen.

Niet gereinigde verpakkingen:
- Aanbeveling: Afvalverwijdering volgens overheidsbepalingen.
- Aanbevolen reinigingsmiddel: Water, eventueel met toevoeging van reinigingsmiddelen.

RUBRIEK 14: Informatie met betrekking tot het vervoer

14.1 VN-nummer
- ADR, ADN, IMDG, IATA: Niet bruikbaar.

14.2 Juiste ladingnaam overeenkomstig de modelreglementen van de VN
- ADR, ADN, IMDG, IATA: Niet bruikbaar.

14.3 Transportgevarenklasse(n)
- ADR, ADN, IMDG, IATA
  - klasse: Niet bruikbaar.

14.4 Verpakkingsgroep:
- ADR, IMDG, IATA: Niet bruikbaar.

14.5 Milieugevaren
- Niet bruikbaar.

14.6 Bijzondere voorzorgen voor de gebruiker
- Niet bruikbaar.

14.7 Vervoer in bulk overeenkomstig bijlage II bij Marpol en de IBC-code
- Niet bruikbaar.

VN "Model Regulation":
- Niet bruikbaar.

RUBRIEK 15: Regelgeving

15.1 Specifieke veiligheids-, gezondheids- en milieureglementen en -wetgeving voor de stof of het mengsel

- SZW-lijst van kankerverwekkende stoffen
  geen der bestanddelen staat op de lijst.

- SZW-lijst van mutagene stoffen
  geen der bestanddelen staat op de lijst.

(Vervolg op blz. 7)
Handelsnaam: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

· NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Vruchtbaarheid
  geen der bestanddelen staat op de lijst.

· NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Ontwikkeling
  geen der bestanddelen staat op de lijst.

· NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Borstvoeding
  geen der bestanddelen staat op de lijst.

· Richtlijn 2012/18/EU
  · Gevaarlijke stoffen die met naam genoemd worden - BIJLAGE I geen der bestanddelen staat op de lijst.

· Nationale voorschriften:
  · Gevaarklasse v. water: Waterbezwaarlijkheid (NL) 11: Saneringsinspanning B
  · 15.2 Chemischeveiligheidsbeoordeling: Een chemische veiligheidsbeoordeling is niet uitgevoerd.

RUBRIEK 16: Overige informatie

Deze gegevens zijn gebaseerd op de huidige stand van onze kennis. Zij beschrijven echter geen garantie van
produkteigenschappen en vestigen geen contractuele rechtsbetrekking.

· Afkortingen en acroniemen:
  ADR: Accord européen sur le transport 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
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Acute Tox. 4: Acute toxicity, Hazard Category 4
Fiche de données de sécurité
selon 1907/2006/CE, Article 31

Date d'impression : 14.01.2016
Révision: 14.01.2016

RUBRIQUE 1: Identification de la substance/du mélange et de la société/l'entreprise

- 1.1 Identificateur de produit
- Nom du produit: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
- Code du produit: 26503-06

- 1.2 Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées
  Pas d'autres informations importantes disponibles.

- 1.3 Renseignements concernant le fournisseur de la fiche de données de sécurité
  Producteur/fournisseur:
  Electron Microscopy Sciences
  1560 Industry Road
  USA-Hatfield, PA 19440
  Tel: 215-412-8400  Fax: 215-412-8450
  email: sgkcek@aol.com
  www.emsdiasum.com

- Service chargé des renseignements: Product safety department

- 1.4 Numéro d'appel d'urgence:
  ChemTrec 1-800-424-9300 Contract CCN7661
  1-703-527-3887

RUBRIQUE 2: Identification des dangers

- 2.1 Classification de la substance ou du mélange
  Classification selon le règlement (CE) n° 1272/2008
  GHS07
  Acute Tox. 4 H302 Nocif en cas d'ingestion.
  Acute Tox. 4 H312 Nocif par contact cutané.
  Acute Tox. 4 H332 Nocif par inhalation.

- 2.2 Éléments d'étiquetage
  Étiquetage selon le règlement (CE) n° 1272/2008 Le produit est classifié et étiqueté selon le règlement CLP.
  Pictogrammes de danger
  GHS07

- Mention d'avertissement Attention
- Mentions de danger
  H302+H312+H332 Nocif en cas d'ingestion, de contact cutané ou d’inhalation.
- Conseils de prudence
  P261 Éviter de respirer les poussières/fumées/gaz/brouillards/vapeurs/aérosols.
  P280 Porter des gants de protection/des vêtements de protection/un équipement de protection des yeux/du visage.
  P321 Traitement spécifique (voir sur cette étiquette).
  P301+P312 EN CAS D'INGESTION: Appeler un CENTRE ANTIPOISON/un médecin en cas de malaise.
  P304+P340 EN CAS D’INHALATION: transporter la personne à l’extérieur et la maintenir dans une position où elle peut confortablement respirer.
  P501 Éliminer le contenu/récipient conformément à la réglementation locale/régionale/nationale/internationale.

(suite page 2)
**RUBRIQUE 3: Composition/informations sur les composants**

- **3.2 Caractérisation chimique: Mélange**
  - **Description:** Mélange des substances mentionnées à la suite avec des additifs non dangereux.
  - **Composants dangereux:** néant
  - **Indications complémentaires:** Pour le libellé des phrases de risque citées, se référer au chapitre 16.

---

**RUBRIQUE 4: Premiers secours**

- **4.1 Description des premiers secours**
  - **Remarques générales:** Les symptômes d’intoxication peuvent apparaître après de nombreuses heures seulement; une surveillance médicale est donc nécessaire au moins 48 heures après un accident.
  - **Après inhalation:** Donner de l'air frais. Assistance respiratoire si nécessaire. Tenir le malade au chaud. Si les troubles persistent, consulter un médecin.
  - **En cas d'inconscience:** Coucher et transporter la personne en position latérale stable.
  - **Après contact avec la peau:** En règle générale, le produit n'irrite pas la peau.
  - **Après contact avec les yeux:** Rincer les yeux, pendant plusieurs minutes, sous l'eau courante en écartant bien les paupières. Si les troubles persistent, consulter un médecin.
  - **Après ingestion:** Consulter immédiatement un médecin.

- **4.2 Principaux symptômes et effets, aigus et différés** Pas d'autres informations importantes disponibles.

- **4.3 Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires** Pas d'autres informations importantes disponibles.

---

**RUBRIQUE 5: Mesures de lutte contre l'incendie**

- **5.1 Moyens d'extinction**
  - **Moyens d'extinction:** CO2, poudre d’extinction ou eau pulvérisée. Combattre les foyers importants avec de l’eau pulvérisée ou de la mousse résistant à l'alcool.

- **5.2 Dangers particuliers résultant de la substance ou du mélange** Pas d'autres informations importantes disponibles.

- **5.3 Conseils aux pompiers**
  - **Equipement spécial de sécurité:** Porter un appareil de protection respiratoire.

---

**RUBRIQUE 6: Mesures à prendre en cas de dispersion accidentelle**

- **6.1 Précautions individuelles, équipement de protection et procédures d’urgence** Pas nécessaire.

- **6.2 Précautions pour la protection de l’environnement:** Diluer avec beaucoup d'eau.

- **6.3 Méthodes et matériel de confinement et de nettoyage:**
  - Recueillir les liquides à l'aide d'un produit absorbant (sable, kieselguhr, neutralisant d'acide, liant universel, sciure).
  - Evacuer les matériaux contaminés en tant que déchets conformément au point 13.
Assurer une aération suffisante.

- 6.4 Référence à d'autres rubriques
  Afin d'obtenir des informations pour une manipulation sûre, consulter le chapitre 7.
  Afin d'obtenir des informations sur les équipements de protection personnels, consulter le chapitre 8.
  Afin d'obtenir des informations sur l'élimination, consulter le chapitre 13.

RUBRIQUE 7: Manipulation et stockage

- 7.1 Précautions à prendre pour une manipulation sans danger
  Veiller à une bonne ventilation/aspiration du poste de travail.
  Eviter la formation d'aérosols.

- Préventions des incendies et des explosions: Aucune mesure particulière n'est requise.

- 7.2 Conditions d’un stockage sûr, y compris d’éventuelles incompatibilités
  Stockage:
  - Exigences concernant les lieux et conteneurs de stockage: Aucune exigence particulière.
  - Indications concernant le stockage commun: Pas nécessaire.
  - Autres indications sur les conditions de stockage: Tenir les emballages hermétiquement fermés.

- 7.3 Utilisation(s) finale(s) particulière(s)
  Pas d'autres informations importantes disponibles.

RUBRIQUE 8: Contrôles de l'exposition/protection individuelle

- Indications complémentaires pour l'agencement des installations techniques:
  Sans autre indication, voir point 7.

- 8.1 Paramètres de contrôle
  - Composants présentant des valeurs-seuil à surveiller par poste de travail:
    Le produit ne contient pas en quantité significative des substances présentant des valeurs-seuil à surveiller par poste de travail.

- Remarques supplémentaires:
  Le présent document s'appuie sur les listes en vigueur au moment de son élaboration.

- 8.2 Contrôles de l'exposition
  - Equipement de protection individuel:
    - Mesures générales de protection et d'hygiène:
      Tenir à l'écart des produits alimentaires, des boissons et de la nourriture pour animaux.
      Retirer immédiatement les vêtements souillés ou humectés.
      Se laver les mains avant les pauses et en fin de travail.
      Éviter tout contact avec les yeux.
      Éviter tout contact avec les yeux et avec la peau.

- Protection respiratoire:
  En cas d'exposition faible ou de courte durée, utiliser un filtre respiratoire; en cas d'exposition intense ou durable, utiliser un appareil de respiration indépendant de l'air ambiant.

- Protection des mains:
  Gants de protection

Le matériau des gants doit être imperméable et résistant au produit / à la substance / à la préparation.
A cause du manque de tests, aucune recommandation pour un matériau de gants pour le produit / la préparation / le mélange de produits chimiques ne peut être donnée.
Choix du matériau des gants en fonction des temps de pénétration, du taux de perméabilité et de la dégradation.
Fiche de données de sécurité selon 1907/2006/CE, Article 31


Nom du produit: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- Matériau des gants
  Le choix de gants appropriés dépend non seulement du matériau, mais aussi d'autres critères de qualité qui peuvent varier d'un fabricant à l'autre. Puisque le produit représente une préparation composée de plusieurs substances, la résistance des matériaux des gants ne peut pas être calculée à l'avance et doit, alors, être contrôlée avant l'utilisation.
- Temps de pénétration du matériau des gants
  Le temps de pénétration exact est à déterminer par le fabricant des gants de protection et à respecter.
- Protection des yeux:

Lunettes de protection hermétiques

RUBRIQUE 9: Propriétés physiques et chimiques

- 9.1 Informations sur les propriétés physiques et chimiques essentielles
- Indications générales
- Aspect:
  Forme: Liquide
  Couleur: Incolore
- Odeur:
  Inodore
- Seuil olfactif:
  Non déterminé.
- valeur du pH:
  Non déterminé.
- Changement d'état
  Point de fusion:
  Non déterminé.
  Point d'ébullition: 100 °C
- Point d'éclair
  Non applicable.
- Inflammabilité (solide, gazeux):
  Non applicable.
- Température d'inflammation:
  Non déterminé.
- Auto-inflammation:
  Le produit ne s'enflamme pas spontanément.
- Danger d'explosion:
  Le produit n'est pas explosif.
- Limites d'explosion:
  Inférieure:
  Non déterminé.
  Supérieure:
  Non déterminé.
- Pression de vapeur:
  Non déterminé.
- Densité à 20 °C:
  1 g/cm³
- Densité relative
  Non déterminé.
- Densité de vapeur:
  Non déterminé.
- Vitesse d'évaporation
  Non déterminé.
- Solubilité dans/miscibilité avec l'eau:
  Entièrement miscible
- Coefficient de partage (n-octanol/eau):
  Non déterminé.
- Viscosité:
  Dynamique:
  Non déterminé.
Nom du produit: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

Cinématique:
- Teneur en solvants:
  - Solvants organiques: 0.0 %
  - Eau: 99.0 %
  - VOC (CE): 0.00 %
- 9.2 Autres informations: Pas d'autres informations importantes disponibles.

RUBRIQUE 10: Stabilité et réactivité
- 10.1 Réactivité: Pas d'autres informations importantes disponibles.
- 10.2 Stabilité chimique:
- Décomposition thermique/conditions à éviter: Pas de décomposition en cas d'usage conforme.
- 10.3 Possibilité de réactions dangereuses: Aucune réaction dangereuse connue.
- 10.4 Conditions à éviter: Pas d'autres informations importantes disponibles.
- 10.5 Matières incompatibles: Pas d'autres informations importantes disponibles.
- 10.6 Produits de décomposition dangereux: Pas de produits de décomposition dangereux connus

RUBRIQUE 11: Informations toxicologiques
- 11.1 Informations sur les effets toxicologiques:
  - Toxicité aiguë: Nocif en cas d’ingestion, de contact cutané ou d’inhalation.
  - Effet primaire d’irritation:
    - Corrosion cutanée/irritation cutanée: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
    - Lésions oculaires graves/irritation oculaire: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
  - Sensibilisation respiratoire ou cutanée: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
  - Effets CMR (cancérogène, mutagène et toxique pour la reproduction):
    - Mutagénicité sur les cellules germinales: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
    - Cancérogénicité: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
  - Toxicité pour la reproduction: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
  - Toxicité spécifique pour certains organes cibles - exposition unique: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
  - Toxicité spécifique pour certains organes cibles - exposition répétée: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
- Danger par aspiration: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

RUBRIQUE 12: Informations écologiques
- 12.1 Toxicité:
  - Toxicité aquatique: Pas d'autres informations importantes disponibles.
- 12.2 Persistance et dégradabilité: Pas d'autres informations importantes disponibles.
- 12.3 Potentiel de bioaccumulation: Pas d'autres informations importantes disponibles.
- 12.4 Mobilité dans le sol: Pas d'autres informations importantes disponibles.
- Autres indications écologiques:
  - Indications générales: En général non polluant

(suite page 6)
**RUBRIQUE 13: Considérations relatives à l'élimination**

- **13.1 Méthodes de traitement des déchets**
  - **Recommandation:** Ne doit pas être évacué avec les ordures ménagères. Ne pas laisser pénétrer dans les égouts.
- **Emballages non nettoyés:**
  - **Recommandation:** Évacuation conformément aux prescriptions légales.
- **Produit de nettoyage recommandé:** Eau, éventuellement avec des produits de nettoyage

**RUBRIQUE 14: Informations relatives au transport**

- **14.1 Numéro ONU**
  - ADR, ADN, IMDG, IATA: néant
- **14.2 Désignation officielle de transport de l'ONU**
  - ADR, ADN, IMDG, IATA: néant
- **14.3 Classe(s) de danger pour le transport**
  - ADR, ADN, IMDG, IATA: néant
- **14.4 Groupe d'emballage**
  - ADR, IMDG, IATA: néant
- **14.5 Dangers pour l'environnement:**
  - Non applicable.
- **14.6 Précautions particulières à prendre par l'utilisateur**
  - Non applicable.
- **14.7 Transport en vrac conformément à l'annexe II de la convention Marpol et au recueil IBC**
  - Non applicable.
- **"Règlement type" de l'ONU:**
  - néant

**RUBRIQUE 15: Informations relatives à la réglementation**

- **15.1 Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement**
- **Directive 2012/18/UE**
- **Substances dangereuses désignées - ANNEXE I** Aucun des composants n’est compris.
- **15.2 Évaluation de la sécurité chimique**
  - Une évaluation de la sécurité chimique n'a pas été réalisée.

**RUBRIQUE 16: Autres informations**

Ces indications sont fondées sur l'état actuel de nos connaissances, mais ne constituent pas une garantie quant aux propriétés du produit et ne donnent pas lieu à un rapport juridique contractuel.

**Acronymes et abréviations:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route
Nom du produit: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

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
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity, Hazard Category 4
ABSCHNITT 1: Bezeichnung des Stoffs beziehungsweise des Gemischs und des Unternehmens

1.1 Produktidentifikator

Handelsname: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

Artikelnummer: 26503-06

1.2 Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

Keine weiteren relevanten Informationen verfügbar.

Verwendung des Stoffes / des Gemisches Laborchemikalien

1.3 Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

Hersteller/Lieferant:
Electron Microscopy Sciences
1560 Industry Road
USA-Hatfield, PA 19440
Tel: 215-412-8400 Fax: 215-412-8450
email: sgkcck@aol.com
www.emsdiasum.com

Science Services GmbH
Unterhachinger Str. 75
81737 München Germany
Tel: +49(0)89 18 93 668-0
safety@scienceservices.de

24h Giftnotruf München: +49 (0)89 19240
Toxikologische Abteilung der II. Medizinischen Klinik
rechts der Isar, Münch. - www.toxinfo.org

Auskunftgebender Bereich: Product safety department

1.4 Notrufnummer:
ChemTrec 1-800-424-9300 Contract CCN7661
1-703-527-3887

ABSCHNITT 2: Mögliche Gefahren

2.1 Einstufung des Stoffs oder Gemischs

Einstufung gemäß Verordnung (EG) Nr. 1272/2008

GHS07

Acute Tox. 4 H302 Gesundheitsschädlich bei Verschlucken.
Acute Tox. 4 H312 Gesundheitsschädlich bei Hautkontakt.
Acute Tox. 4 H332 Gesundheitsschädlich bei Einatmen.

2.2 Kennzeichnungselemente

Kennzeichnung gemäß Verordnung (EG) Nr. 1272/2008
Das Produkt ist gemäß CLP-Verordnung eingestuft und gekennzeichnet.

Gefahrenpiktogramme

GHS07
ABSCHNITT 3: Zusammensetzung/Angaben zu Bestandteilen

- 3.2 Chemische Charakterisierung: Gemische
- Beschreibung: Gemisch aus nachfolgend angeführten Stoffen mit ungefährlichen Beimengungen.
- Gefährliche Inhaltsstoffe: entfällt
- Zusätzliche Hinweise: Der Wortlaut der angeführten Gefahrenhinweise ist dem Abschnitt 16 zu entnehmen.

ABSCHNITT 4: Erste-Hilfe-Maßnahmen

- 4.1 Beschreibung der Erste-Hilfe-Maßnahmen
- Allgemeine Hinweise:
  Vergiftungssymptome können erst nach vielen Stunden auftreten, deshalb ärztliche Überwachung mindestens 48 Stunden nach einem Unfall.
- Nach Einatmen:
  Frischluftzufuhr, gegebenenfalls Atemspende, Wärme. Bei anhaltenden Beschwerden Arzt konsultieren.
- Nach Hautkontakt: Im allgemeinen ist das Produkt nicht hautreizend.
- Nach Augenkontakt:
  Augen mehrere Minuten bei geöffnetem Lidspalt unter fließendem Wasser spülen. Bei anhaltenden Beschwerden Arzt konsultieren.
- Nach Verschlucken: Sofort Arzt aufsuchen.
- 4.2 Wichtigste akute und verzögert auftretende Symptome und Wirkungen
  Keine weiteren relevanten Informationen verfügbar.
- 4.3 Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung
  Keine weiteren relevanten Informationen verfügbar.

ABSCHNITT 5: Maßnahmen zur Brandbekämpfung

- 5.1 Löschmittel
- Geeignete Löschmittel:
- 5.2 Besondere vom Stoff oder Gemisch ausgehende Gefahren
  Keine weiteren relevanten Informationen verfügbar.
Handelsname: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

ABSCHNITT 6: Maßnahmen bei unbeabsichtigter Freisetzung

- 6.1 Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren
  Nicht erforderlich.
- 6.2 Umweltschutzmaßnahmen: Mit viel Wasser verdünnen.
- 6.3 Methoden und Material für Rückhaltung und Reinigung:
  Mit flüssigkeitsbindendem Material (Sand, Kieselgur, Säurebinder, Universalbinder, Sägemehl) aufnehmen.
  Kontaminiertes Material als Abfall nach Abschnitt 13 entsorgen.
  Für ausreichende Lüftung sorgen.
- 6.4 Verweis auf andere Abschnitte
  Informationen zur sicheren Handhabung siehe Abschnitt 7.
  Informationen zur persönlichen Schutzausrüstung siehe Abschnitt 8.
  Informationen zur Entsorgung siehe Abschnitt 13.

ABSCHNITT 7: Handhabung und Lagerung

- 7.1 Schutzmaßnahmen zur sicheren Handhabung
  Für gute Belüftung/Absaugung am Arbeitsplatz sorgen.
  Aerosolbildung vermeiden.
- Hinweise zum Brand- und Explosionsschutz: Keine besonderen Maßnahmen erforderlich.
- 7.2 Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten
  Lagerung:
  - Anforderung an Lagerräume und Behälter: Keine besonderen Anforderungen.
  - Zusammenlagerungshinweise: Nicht erforderlich.
  - Weitere Anforderungen zu den Lagerbedingungen: Behälter dicht geschlossen halten.
  - Lagerklasse:
  - Klassifizierung nach Betriebssicherheitsverordnung (BetrSichV): -
- 7.3 Spezifische Endanwendungen Keine weiteren relevanten Informationen verfügbar.

ABSCHNITT 8: Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen

- Zusätzliche Hinweise zur Gestaltung technischer Anlagen: Keine weiteren Angaben, siehe Abschnitt 7.
- 8.1 Zu überwachende Parameter
  - Bestandteile mit arbeitsplatzbezogenen, zu überwachenden Grenzwerten:
    Das Produkt enthält keine relevanten Mengen von Stoffen mit arbeitsplatzbezogenen, zu überwachenden Grenzwerten.
  - Zusätzliche Hinweise: Als Grundlage dienten die bei der Erstellung gültigen Listen.
- 8.2 Begrenzung und Überwachung der Exposition
  - Persönliche Schutzausrüstung:
    - Allgemeine Schutz- und Hygienemaßnahmen:
      - Von Nahrungsmitteln, Getränken und Futtermitteln fernhalten.
      - Beschmutze, getränkte Kleidung sofort ausziehen.
      - Vor den Pausen und bei Arbeitsende Hände waschen.
      - Berührung mit den Augen vermeiden.
      - Berührung mit den Augen und der Haut vermeiden.
Sicherheitsdatenblatt
gemäß 1907/2006/EG, Artikel 31

Handelsname: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

Atemschutz:
Bei kurzzeitiger oder geringer Belastung Atemfiltergerät; bei intensiver bzw. längerer Exposition umluftunabhängiges Atemschutzgerät verwenden.

Handschutz:
Schutzhandschuhe

Handschuhmaterial
Die Auswahl eines geeigneten Handschuhs ist nicht nur vom Material, sondern auch von weiteren Qualitätsmerkmalen abhängig und von Hersteller zu Hersteller unterschiedlich. Da das Produkt eine Zubereitung aus mehreren Stoffen darstellt, ist die Beständigkeit von Handschuhmaterialen nicht vorausberechenbar und muß deshalb vor dem Einsatz überprüft werden.

Durchdringungszeit des Handschuhmaterials
Die genaue Durchbruchzeit ist beim Schutzhandschuhhersteller zu erfahren und einzuhalten.

Augenschutz:
Dichtschließende Schutzbrille

ABSCHNITT 9: Physikalische und chemische Eigenschaften

9.1 Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

Allgemeine Angaben

Aussehen:
Form: Flüssigkeit
Farbe: Farblos
Geruch: Geruchlos
Geruchsschwelle: Nicht bestimmt.

pH-Wert: Nicht bestimmt.

Zustandsänderung
Schmelzpunkt/Schmelzbereich: Nicht bestimmt.
Siedepunkt/Siedebereich: 100 °C

Flammpunkt: Nicht anwendbar.

Entzündlichkeit (fest, gasförmig): Nicht anwendbar.

Zündtemperatur:
Zersetzungstemperatur: Nicht bestimmt.

Selbstentzündlichkeit: Das Produkt ist nicht selbstentzündlich.
Explosionsgefahr: Das Produkt ist nicht explosionsgefährlich.
Explosionsgrenzen:
Untere: Nicht bestimmt.
Handelsname: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

(Fortsetzung von Seite 4)

<table>
<thead>
<tr>
<th>Obere:</th>
<th>Nicht bestimmt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>· Dampfdampfdruck:</td>
<td>Nicht bestimmt.</td>
</tr>
<tr>
<td>· Dichte bei 20 °C:</td>
<td>1 g/cm³</td>
</tr>
<tr>
<td>· Relative Dichte</td>
<td>Nicht bestimmt.</td>
</tr>
<tr>
<td>· Dampfdichte</td>
<td>Nicht bestimmt.</td>
</tr>
<tr>
<td>· Verdampfungsgeschwindigkeit</td>
<td>Nicht bestimmt.</td>
</tr>
<tr>
<td>· Löslichkeit in / Mischbarkeit mit Wasser:</td>
<td>Vollständig mischbar.</td>
</tr>
<tr>
<td>· Verteilungskoeffizient (n-Octanol/Wasser):</td>
<td>Nicht bestimmt.</td>
</tr>
<tr>
<td>· Viskosität:</td>
<td></td>
</tr>
<tr>
<td>Dynamisch:</td>
<td>Nicht bestimmt.</td>
</tr>
<tr>
<td>Kinematisch:</td>
<td>Nicht bestimmt.</td>
</tr>
<tr>
<td>· Lösemittelgehalt:</td>
<td></td>
</tr>
<tr>
<td>Organische Lösemittel:</td>
<td>0.0 %</td>
</tr>
<tr>
<td>Wasser:</td>
<td>99.0 %</td>
</tr>
<tr>
<td>VOC (EU):</td>
<td>0.00 %</td>
</tr>
<tr>
<td>· 9.2 Sonstige Angaben</td>
<td>Keine weiteren relevanten Informationen verfügbar.</td>
</tr>
</tbody>
</table>

ABSCHNITT 10: Stabilität und Reaktivität

- 10.1 Reaktivität Keine weiteren relevanten Informationen verfügbar.
- 10.2 Chemische Stabilität
- Thermische Zersetzung / zu vermeidende Bedingungen:
  Keine Zersetzung bei bestimmungsgemäßer Verwendung.
- 10.3 Möglichkeit gefährlicher Reaktionen Keine gefährlichen Reaktionen bekannt.
- 10.4 Zu vermeidende Bedingungen: Keine weiteren relevanten Informationen verfügbar.
- 10.5 Unverträgliche Materialien: Keine weiteren relevanten Informationen verfügbar.
- 10.6 Gefährliche Zersetzungsprodukte: Keine gefährlichen Zersetzungsprodukte bekannt.

ABSCHNITT 11: Toxikologische Angaben

- 11.1 Angaben zu toxikologischen Wirkungen
- Akute Toxizität
  Gesundheitsschädlich bei Verschlucken, Hautkontakt oder Einatmen.
- Primäre Reizwirkung:
  · Ätz-/Reizwirkung auf die Haut Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
  · Schwere Augenschädigung/-reizung Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
  · Sensibilisierung der Atemwege/Haut Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
  · CMR-Wirkungen (krebsverursgende, erbguverändernde und fortpflanzungsgefährdende Wirkung)
  · Keimzell-Mutagenität Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
  · Karzinogenität Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
  · Reproduktionstoxizität Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
- Spezifische Zielorgan-Toxizität bei einmaliger Exposition
  Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
- Spezifische Zielorgan-Toxizität bei wiederholter Exposition
  Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

(Fortsetzung auf Seite 6)
ABSCHNITT 12: Umweltbezogene Angaben

- 12.1 Toxizität
- Aquatische Toxizität: Keine weiteren relevanten Informationen verfügbar.
- 12.2 Persistenz und Abbaubarkeit: Keine weiteren relevanten Informationen verfügbar.
- 12.3 Bioakkumulationspotenzial: Keine weiteren relevanten Informationen verfügbar.
- 12.4 Mobilität im Boden: Keine weiteren relevanten Informationen verfügbar.
- Weitere ökologische Hinweise:
  - Allgemeine Hinweise: Im allgemeinen nicht wassergefährdend
- 12.5 Ergebnisse der PBT- und vPvB-Beurteilung
  - PBT: Nicht anwendbar.
  - vPvB: Nicht anwendbar.
- 12.6 Andere schädliche Wirkungen: Keine weiteren relevanten Informationen verfügbar.

ABSCHNITT 13: Hinweise zur Entsorgung

- 13.1 Verfahren der Abfallbehandlung
- Ungereinigte Verpackungen:
  - Empfehlung: Entsorgung gemäß den behördlichen Vorschriften.

ABSCHNITT 14: Angaben zum Transport

- 14.1 UN-Nummer
  - ADR, ADN, IMDG, IATA: entfällt
- 14.2 Ordnungsgemäße UN-Versandbezeichnung
  - ADR, ADN, IMDG, IATA: entfällt
- 14.3 Transportgefahrenklassen
  - ADR, ADN, IMDG, IATA: entfällt
  - Klasse: entfällt
- 14.4 Verpackungsgruppe
  - ADR, IMDG, IATA: entfällt
- 14.5 Umweltgefahren:
  - Nicht anwendbar.
- 14.6 Besondere Vorsichtsmaßnahmen für den Verwender
  - Nicht anwendbar.
- 14.7 Massengutbeförderung gemäß Anhang II des MARPOL-Übereinkommens und gemäß IBC-Code
  - Nicht anwendbar.
- UN "Model Regulation": entfällt
ABSCHNITT 15: Rechtsvorschriften

· 15.1 Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/specifische Rechtsvorschriften für den Stoff oder das Gemisch
  · Richtlinie 2012/18/EU
  · Namentlich aufgeführte gefährliche Stoffe - ANHANG I Keiner der Inhaltsstoffe ist enthalten.

· Nationale Vorschriften:
  · Wassergefährdungsklasse: Im allgemeinen nicht wassergefährdend.
  · 15.2 Stoffsicherheitsbeurteilung: Eine Stoffsicherheitsbeurteilung wurde nicht durchgeführt.

ABSCHNITT 16: Sonstige Angaben

Die Angaben stützen sich auf den heutigen Stand unserer Kenntnisse, sie stellen jedoch keine Zusicherung von Produkteigenschaften dar und begründen kein vertragsliches Rechtsverhältnis.

· Abkürzungen und Akronyme:
  ADR: Accord européen sur le transport 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
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Acute Tox. 4: Acute toxicity, Hazard Category 4
SEZIONE 1: Identificazione della sostanza o della miscela e della società/impresa

· 1.1 Identificatore del prodotto
· Denominazione commerciale: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
· Articolo numero: 26503-06
· 1.2 Usi identificati pertinenti della sostanza o della miscela e usi sconsigliati
Non sono disponibili altre informazioni.
· Utilizzazione della Sostanza / del Preparato Prodotti chimici per laboratorio
· 1.3 Informazioni sul fornitore della scheda di dati di sicurezza
· Produttore/fornitore:
  Electron Microscopy Sciences
  1560 Industry Road
  USA-Hatfield, PA 19440
  Tel: 215-412-8400  Fax: 215-412-8450
  email: sgkck@aol.com
  www.emsdiasum.com

Societa Italiana Chimici
Via Rio Nell Ellba 140
00138 Rome, Italy
Tel: 39 06 8800211
Fax: 39 30 06 8815313
Web: www.sichim.com

· Informazioni fornite da: Product safety department
· 1.4 Numero telefonico di emergenza:
  ChemTrec 1-800-424-9300 Contract CCN7661
  1-703-527-3887

SEZIONE 2: Identificazione dei pericoli

· 2.1 Classificazione della sostanza o della miscela
· Classificazione secondo il regolamento (CE) n. 1272/2008
  
  GHS07

Acute Tox. 4  H302  Nocivo se ingerito.
Acute Tox. 4  H312  Nocivo per contatto con la pelle.
Acute Tox. 4  H332  Nocivo se inalato.

· 2.2 Elementi dell’etichetta
· Etichettatura secondo il regolamento (CE) n. 1272/2008
  Il prodotto è classificato ed etichettato conformemente al regolamento CLP.
· Pittogrammi di pericolo
  
  GHS07

· Avvertenza Attenzione
· Indicazioni di pericolo
  H302+H312+H332 Nocivo se ingerito, a contatto con la pelle o se inalato.
· Consigli di prudenza
  P261  Evitare di respirare la polvere/i fumi/i gas/la nebbia/i vapori/gli aerosol.

(continua a pagina 2)
Scheda di dati di sicurezza
ai sensi del regolamento 1907/2006/CE, Articolo 31

Denominazione commerciale: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

P280 Indossare guanti/indumenti protettivi/Proteggere gli occhi/il viso.
P321 Trattamento specifico (vedere su questa etichetta).
P301+P312 IN CASO DI INGESTIONE: contattare un CENTRO ANTIVELENI/un medico in caso di malessere.
P304+P340 IN CASO DI INALAZIONE: trasportare l’infortunato all’aria aperta e mantenerlo a riposo in posizione che favorisca la respirazione.
P501 Smaltire il prodotto/recipiente in conformità con le disposizioni locali / regionali / nazionali / internazionali.

2.3 Altri pericoli
- Risultati della valutazione PBT e vPvB
  - PBT: Non applicabile.
  - vPvB: Non applicabile.

SEZIONE 3: Composizione/informazioni sugli ingredienti

- 3.2 Caratteristiche chimiche: Miscela
  - Descrizione: Miscela delle seguenti sostanze con additivi non pericolosi.
  - Sostanze pericolose: non applicabile
  - Ulteriori indicazioni: Il testo dell’avvertenza dei pericoli citati può essere appreso dal capitolo 16

SEZIONE 4: Misure di primo soccorso

- 4.1 Descrizione delle misure di primo soccorso
  - Indicazioni generali:
    I sintomi di avvelenamento possono comparire dopo molte ore, per tale motivo è necessaria la sorveglianza di un medico nelle 48 ore successive all’incidente.
  - Inalazione:
    Portare in zona ben areata, praticare eventualmente la respirazione artificiale, tenere al caldo. Se i disturbi persistono consultare il medico.
    Se il soggetto è svenuto provvedere a tenerlo durante il trasporto in posizione stabile su un fianco.
  - Contatto con la pelle:
    Generalmente il prodotto non è irritante per la pelle.
  - Contatto con gli occhi:
    Lavare con acqua corrente per diversi minuti tenendo le palpebre ben aperte Se persiste il dolore consultare il medico.
  - Ingestione:
    Chiamare subito il medico.
  - 4.2 Principali sintomi ed effetti, sia acuti che ritardati Non sono disponibili altre informazioni.
  - 4.3 Indicazione dell’eventuale necessità di consultare immediatamente un medico e di trattamenti speciali
    Non sono disponibili altre informazioni.

SEZIONE 5: Misure antincendio

- 5.1 Mezzi di estinzione
  - Mezzi di estinzione idonei:
    CO2, polvere o acqua nebulizzata. Estinguere gli incendi di grosse dimensioni con acqua nebulizzata o con schiuma resistente all’alcool.
  - 5.2 Pericoli speciali derivanti dalla sostanza o dalla miscela Non sono disponibili altre informazioni.
  - 5.3 Raccomandazioni per gli addetti all’estinzione degli incendi
  - Mezzi protettivi specifici: Indossare il respiratore.
SEZIONE 6: Misure in caso di rilascio accidentale

- 6.1 Precauzioni personali, dispositivi di protezione e procedure in caso di emergenza: Non necessario.
- 6.2 Precauzioni ambientali: Diluire abbondantemente con acqua.
- 6.3 Metodi e materiali per il contenimento e per la bonifica:
   Raccogliere il liquido con materiale assorbente (sabbia, tripoli, legante di acidi, legante universale, segatura).
   Smaltimento del materiale contaminato conformemente al punto 13.
   Provvedere ad una sufficiente areazione.
- 6.4 Riferimento ad altre sezioni
   Per informazioni relative ad un manipolazione sicura, vedere capitolo 7.
   Per informazioni relative all'equipaggiamento protettivo ad uso personale vedere Capitolo 8.
   Per informazioni relative allo smaltimento vedere Capitolo 13.

SEZIONE 7: Manipolazione e immagazzinamento

- 7.1 Precauzioni per la manipolazione sicura
   Accurata ventilazione/aspirazione nei luoghi di lavoro.
   Evitare la formazione di aerosol.
- Indicazioni in caso di incendio ed esplosione: Non sono richiesti provvedimenti particolari.
- 7.2 Condizioni per lo stoccaggio sicuro, comprese e eventuali incompatibilità
- Stoccaggio:
  - Requisiti dei magazzini e dei recipienti: Non sono richiesti requisiti particolari.
  - Indicazioni sullo stoccaggio misto: Non necessario.
  - Ulteriori indicazioni relative alle condizioni di immagazzinamento: Mantenere i recipienti ermeticamente chiusi.
- 7.3 Usi finali particolari Non sono disponibili altre informazioni.

SEZIONE 8: Controllo dell'esposizione/protezione individuale

- Ulteriori indicazioni sulla struttura di impianti tecnici: Nessun dato ulteriore, vedere punto 7.
- 8.1 Parametri di controllo
- Componenti i cui valori limite devono essere tenuti sotto controllo negli ambienti di lavoro:
  Il prodotto non contiene quantità rilevanti di sostanze i cui valori limite devono essere tenuti sotto controllo negli ambienti di lavoro.
- Ulteriori indicazioni: Le liste valide alla data di compilazione sono state usate come base.
- 8.2 Controlli dell’esposizione
- Mezzi protettivi individuali:
  - Norme generali protettive e di igiene del lavoro:
    Tenere lontano da cibo, bevande e foraggi.
    Togliere immediatamente gli abiti contaminati.
    Lavarsi le mani prima dell’intervallo o a lavoro terminato.
    Evitare il contatto con gli occhi.
    Evitare il contatto con gli occhi e la pelle.
  - Maschera protettiva:
    Nelle esposizioni brevi e minime utilizzare la maschera; nelle esposizioni più intense e durature indossare l’autorespiratore.
  - Guanti protettivi:

  Guanti protettivi

(continua a pagina 4)
Il materiale dei guanti deve essere impermeabile e stabile contro il prodotto/la sostanza/formulazione.
A causa della mancanza di tests non può essere consigliato alcun tipo di materiale per i guanti con cui manipolare il prodotto/la formulazione/la miscela di sostanze chimiche.
Scelta del materiale dei guanti in considerazione dei tempi di passaggio, dei tassi di permeazione e della degradazione.

- **Materiale dei guanti**
  La scelta dei guanti adatti non dipende soltanto dal materiale bensì anche da altre caratteristiche di qualità variabili da un produttore a un altro. Poiché il prodotto rappresenta una formulazione di più sostanze, la stabilità dei materiali dei guanti non è calcolabile in anticipo e deve essere testata prima dell’impiego.

- **Tempo di permeazione del materiale dei guanti**
  Richiedere dal fornitore dei guanti il tempo di passaggio preciso il quale deve essere rispettato.

- **Occhiali protettivi:**

**SEZIONE 9: Proprietà fisiche e chimiche**

- **9.1 Informazioni sulle proprietà fisiche e chimiche fondamentali**
  - **Indicazioni generali**
    - **Aspetto:**
      - **Forma:** Liquido
      - **Colore:** Incolore
    - **Odore:** Inodore
    - **Soglia olfattiva:** Non definito.
  - **valori di pH:** Non definito.
  - **Cambiamento di stato**
    - **Temperatura di fusione/ambito di fusione:** Non definito.
    - **Temperatura di ebollizione/ambito di ebollizione:** 100 °C
  - **Punto di infiammabilità:** Non applicabile.
  - **Infiammabilità (solido, gassoso):** Non applicabile.
  - **Temperatura di accensione:**
    - **Temperatura di decomposizione:** Non definito.
  - **Autoaccensione:** Prodotto non autoinfiammabile.
  - **Pericolo di esplosione:**
    - **Limite di infiammabilità:**
      - **Inferiore:** Non definito.
      - **Superiore:** Non definito.
  - **Tensione di vapore:**
    - **Densità a 20 °C:** 1 g/cm³
    - **Densità relativa:** Non definito.
    - **Densità del vapore:** Non definito.
    - **Velocità di evaporazione:** Non definito.
Denominazione commerciale: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

| · Solubilità in/Miscibilità con acqua: | Completamente miscibile. |
| · Coefficiente di distribuzione (n-Octanol/acqua): | Non definito. |
| · Viscosità: | |
|   Dinamica: | Non definito. |
|   Cinematica: | Non definito. |
| · Tenore del solvente: | |
|   Solventi organici: | 0.0 % |
|   Acqua: | 99.0 % |
|   VOC (CE) | 0,00 % |
| · 9.2 Altre informazioni | Non sono disponibili altre informazioni. |

SEZIONE 10: Stabilità e reattività

· 10.1 Reattività Non sono disponibili altre informazioni.
· 10.2 Stabilità chimica
· Decomposizione termica/ condizioni da evitare: Il prodotto non si decompone se utilizzato secondo le norme.
· 10.3 Possibilità di reazioni pericolose Non sono note reazioni pericolose.
· 10.4 Condizioni da evitare Non sono disponibili altre informazioni.
· 10.5 Materiali incompatibili: Non sono disponibili altre informazioni.
· 10.6 Prodotti di decomposizione pericolosi: Non sono noti prodotti di decomposizione pericolosi.

SEZIONE 11: Informazioni tossicologiche

· 11.1 Informazioni sugli effetti tossicologici
· Tossicità acuta Nocivo se ingerito, a contatto con la pelle o se inalato.
· Irritabilità primaria:
· Corrosione/irritazione cutanea Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Lesioni oculi gravi/irritazioni oculari gravi Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Sensibilizzazione respiratoria o cutanea Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Effetti CMR (cancerogenicità, mutagenicità e tossicità per la riproduzione)
· Mutagenicità delle cellule germinali Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Cancerogenicità Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Tossicità per la riproduzione Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Tossicità specifica per organi bersaglio (STOT) - esposizione singola Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Tossicità specifica per organi bersaglio (STOT) - esposizione ripetuta Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
· Pericolo in caso di aspirazione Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.

SEZIONE 12: Informazioni ecologiche

· 12.1 Tossicità
· Tossicità acquatica: Non sono disponibili altre informazioni.
Denominazione commerciale: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- 12.2 Persistenza e degradabilità Non sono disponibili altre informazioni.
- 12.3 Potenziale di bioaccumulo Non sono disponibili altre informazioni.
- 12.4 Mobilità nel suolo Non sono disponibili altre informazioni.
- Ulteriori indicazioni in materia ambientale:
  - Ulteriori indicazioni: Generalmente non pericoloso
- 12.5 Risultati della valutazione PBT e vPvB
  - PBT: Non applicabile.
  - vPvB: Non applicabile.
- 12.6 Altri effetti avversi Non sono disponibili altre informazioni.

SEZIONE 13: Considerazioni sullo smaltimento

- 13.1 Metodi di trattamento dei rifiuti
  - Consigli: Non smaltire il prodotto insieme ai rifiuti domestici Non immettere nelle fognature.
  - Imballaggi non puliti:
    - Consigli: Smaltimento in conformità con le disposizioni amministrative.
    - Detergente consigliato: Acqua eventualmente con l'aggiunta di detersivi.

SEZIONE 14: Informazioni sul trasporto

- 14.1 Numero ONU
  - ADR, ADN, IMDG, IATA: non applicabile
- 14.2 Nome di spedizione dell'ONU
  - ADR, ADN, IMDG, IATA: non applicabile
- 14.3 Classi di pericolo connesso al trasporto
  - ADR, ADN, IMDG, IATA: non applicabile
- 14.4 Gruppo di imballaggio
  - ADR, IMDG, IATA: non applicabile
- 14.5 Pericoli per l’ambiente:
  - Non applicabile.
- 14.6 Precauzioni speciali per gli utilizzatori
  - Non applicabile.
- 14.7 Trasporto di rinfuse secondo l'allegato II di MARPOL ed il codice IBC
  - Non applicabile.
- UN "Model Regulation":
  - Non applicabile

SEZIONE 15: Informazioni sulla regolamentazione

- 15.1 Disposizioni legislative e regolamentari su salute, sicurezza e ambiente specifiche per la sostanza o la miscela
  - Direttiva 2012/18/UE
  - Sostanze pericolose specificate - ALLEGATO I Nessuno dei componenti è contenuto.
  - 15.2 Valutazione della sicurezza chimica: Una valutazione della sicurezza chimica non è stata effettuata.

(continua a pagina 7)
SEZIONE 16: Altre informazioni

I dati sono riportati sulla base delle nostre conoscenze attuali, non rappresentano tuttavia alcuna garanzia delle caratteristiche del prodotto e non motivano alcun rapporto giuridico contrattuale.

· Abbreviazioni e acronimi:
  ADR: Accord européen sur le transport 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
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Acute Tox. 4: Acute toxicity, Hazard Category 4
1 화학제품과 회사에 관한 정보

제품명: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
상품번호: 26503-06

본 제품은 화학물질의 분류 및 표기에 관한 국제조화시스템(GHS)에 따라 분류 및 표기되었습니다.

추가적인 정보 획득 가능: Product safety department
비상연락 전화번호: ChemTrec 1-800-424-9300 Contract CCN7661 1-703-527-3887

2 유해성,위험성

순물질 또는 혼합물의 분류

upaten 눈 손상/자극성 구분 2 H319 눈에 심한 자극을 일으킴

라벨표기 요소
GHS 라벨 요소
본 제품은 화학물질의 분류 및 표기에 관한 국제조화시스템(GHS)에 따라 분류 및 표기되었습니다.

신호어 경고
유해,위험 문구
눈에 심한 자극을 일으킴
예방조치 문구
(보호장갑: 보호의 보안경·안면보호구)를(을) 착용하시오.
취급 후에는 취급 부위를 철저히 씻으십시오.
눈에 묻으면 몇 분간 물로 조심해서 씻으십시오. 가능하면 콧물렌즈를 제거하시오. 계속 씻으십시오.
눈에 자극이 지속되면 의학적인 조치 조언을 구하시오.
응기는 환자가 잘 되는 곳에 단단히 밀폐하여 저장하시오.
현지/지역/국가/국제 규정에 따라서 내용물/응기 노출

(2쪽에계속)
제품명: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

3 구성성분의 명칭 및 함유량

- 화학적 특성: 콜로이드
- 함유유: 무해한 첨가물이 함유된 액체로 만들어진 혼합물
- 위험 요소: 누락,

4 응급조치 요령

- 응급조치요령 내용
- 일반적 정보: 중독 중상은 몇 시간 간이 지난 후에 발생할 수 있다. 따라서 사고가 발생한 후에 적어도 48시간동안 응급조치를 취해야 한다.
- 흡입할 때: 신선한 공기를 쉬고, 필요한 경우에는 산 소 호흡기의 도움을 받는다. 환자를 따뜻하게 하고, 중상이 지속될 경우에는 의료진의 도움을 구한다.
- 피부에 접촉할 때: 일반적으로 제품은 피부에 자극적이지 않다.
- 눈에 들어갔을 때: 화학물질이 눈을 먼저 부드럽게 씻어내고,눈이 끝나서, 중상이 지속될 경우에는 의사와 상담한다
- 다른 것으로 적절한 응급처치 및 특별조치가 필요함을 시사하는 정보가 존재하지 않습니다.

5 독발. 화재시 대처방법

- 소화제
- 적절한 소화제: 이산화탄소, 소화용 신속 회가 루 또는 물 방사를 사용하고, 이산화탄소는 물을 분사 하거나 알코올
- 폐화물질 또는 화합물에서 발생하는 특별이 소화제 및 특별조치가 필요함을 시사하는 정보가 존재하지 않습니다.
- 소방관에 대한 권고사항: 화재 진압 시, 화학물질을 사용한 화재를, 화화 및 화학물질의 주요성과, 사고가 발생할 수 있음을 알리고, 화학물질이 사용된 기기의 위치

6 누출 사고 시 대처방법

- 개인적 예방조치, 보호장비 및 응급처치 절차 필요없음.
- 환경 관련 예방조치: 많은 물로 화학물질을 빠르게 흐르게 하여
- 임해 및 정화 방법과 소재: 액체가 환경에 영향을 미치는 경우, 초기 개입을 위해
- 타의 성향: 안전한 관리에 대한 정보는 제7장의 참조하시오.
- 개인 보호 장비에 대한 정보는 제8장의 참조하시오.
제품명: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

쓰레기 처리에 대한 정보는 제13장 을 참조하시오.

7 취급 및 저장방법

취급:
- 안전취급을 위한 예방조치
  작업장에서는 통풍이 잘되고, 습기제거가 잘되게 주의한다.
  연무질액이 형성되는 것을 피한다.
  화재 및 폭발사고 예방책에 관한 정보: 특별한 조치가 필요없음.

보관:
- 안전한 저장 방범: 특별한 요구사항이 없음.
- 보관 조건에 관한 추가적인 정보: 온기름새지 않은 개폐형 채 보관한다.
  구체적 최종 사용자 추가적인 정보가 존재하지 않습니다.

8 노출방지 및 개인보호구

취급 사항에 대한 추가정보: 더 이상의 자료는 없음. 항목 7을 참고하시오.

준비 번수
- 화학물질의 노출기준, 생물학적 노출기준 등
  본 제품에는 작업장에서 감시가 필요한 주요한 가치의 어떤 해당 재료의 양을 함유하고 있지 않다.
  추가정보: 제조 및 경사당시에 유속한 목록을 기초로 사용한다.

노출 통제
- 개인보호구
  일반적보호조치 및 위생조치:
    식료품, 용료수와 사료로부터 멀리 벌어 떨어 놓는다.
    데리워치 거나 용료수 가 문 옷은ropa를 시험한다.
    유피미안이 작업장 끝날때마다 손을 씻는다.
    눈과의 접촉을 피한다.
    눈과 피부와의 접촉은 피한다.

보고기호호흡: 사용하시는 체질에 따른 호흡기호흡과 기를 사용한다. 심각한 또는 장기게 노출시에는 호흡기호흡기호흡기호흡기를 사용한다.

손보호:

보 호흡장갑:
장갑재질은 제품/원료/조제품투과시키지 않아야하고, 내구성이 있어야한다. 테스트를 하지 않기 때문에 제품/조제/화학 혼합물에 적합한 장갑재질에 대한 추천이 없다. 투과 시비, 침투 물과 서하를 고려해서 장갑재질을 선택한다.

장갑의재료
- 적합한장갑의 선정은재질체크에뿐이나지료제를추천의 차이도고려하여 이루어져야하고제조업체에 따라서도 다르게 선정되어야한다. 제품은 다양한재료부터의조제로 이루어지는 것에 따라서, 장갑재질의 안정성은 사전에 충족되어질 수 있는 것이 아니고, 반도시 사용전에 (고안전성) 체크되어야한다.

장갑 재료의 투과시간: 정확한관통시간은 보호장갑제조자에 의하여 인지되고, 준수되어야한다.
제품명: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

9 물리화학적 특성

<table>
<thead>
<tr>
<th>기본 물리 및 화학적 특성에 대한 정보</th>
<th>일반정보</th>
</tr>
</thead>
<tbody>
<tr>
<td>물리적 상태:</td>
<td>액체</td>
</tr>
<tr>
<td>색:</td>
<td>색소가 없는</td>
</tr>
<tr>
<td>녹는점/어는점 범위:</td>
<td>알맞지 않다.</td>
</tr>
<tr>
<td>녹는점/어는점 범위:</td>
<td>100 °C</td>
</tr>
<tr>
<td>인화성(고체, 기체):</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
<tr>
<td>인화성:</td>
<td>해당사항 없음.</td>
</tr>
</tbody>
</table>
제품명: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

10 안전성 및 반응성

- 반응성: 추가적인 정보가 존재하지 않습니다.
- 화학적 안전성
  - 화학적 안전성 및 유해 반응의 가능성 / 피해가 있을 조건: 규정에 따라 사용할 경우, 피해는 없음.
  - 유해 반응 가능성 위험한 반응으로는 알려지지 않았습니다.
- 피해가 있을 조건: 추가적인 정보가 존재하지 않습니다.
- 존엄한 금지 물질: 추가적인 정보가 존재하지 않습니다.
- 유해질물질: 위험성있는 물질들은 알려지지 않았습니다.

11 특성에 관한 정보

- 독성학적 영향에 대한 정보
  - 급성 독성:
  - 피부 자극:
  - 증상 및 증상 관련 정보:
    - 건강에 해로운 자극적인 정보에 대해 제시하고 있습니다.
    - 심한 눈손상 또는 자극성: 자극
    - 감각화: 민감한 영향이 없는 것으로 알려져 있습니다.
    - 추가적인 독성에 관한 정보:
      - 이 제품은 유럽 공동체의 공동분류 및 평가 및 개정에 따라 최근에 발효된 원고에서 아래에 제시한 위험들을 알리지 않았습니다.

12 환경에 미치는 영향

- 특성
  - 수생 독성: 추가적인 정보가 존재하지 않습니다.
  - 지속성 및 분해성: 추가적인 정보가 존재하지 않습니다.
  - 환경 시스템에서의 행동:
  - 생물학적 절감성: 추가적인 정보가 존재하지 않습니다.
  - 자기 증명: 추가적인 정보가 존재하지 않습니다.
- 추가적인 생태학 정보:
  - 일반 특성: 일반적으로 수질오염이 되지 않습니다.
  - PBT(잔류성, 생물농축성, 독성 물질): vPvB(고 전류성, 고 생물농축성 물질) 평가 결과
    - PBT(잔류성, 생물농축성, 독성 물질): 해당사항 없음.
    - vPvB(고 전류성, 고 생물농축성 물질): 해당사항 없음.
  - 기타 부작용: 추가적인 정보가 존재하지 않습니다.

13 폐기시 주의사항

- 폐기물 처리 방법
  - 원고: 생물처리기와 함께 처리되어서는 안됩니다. 하수도망으로 유입되어서는 안됩니다.
  - 비위생적 포장:
  - 원고: 당국의 지침에 입각한 처리기리.
제품명: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

적절한 사용자에게서 제공된 안전지침서

주 전형성태: 경 우에 따라 서세제가 점에 있는 물

14 운송에 필요한 정보

- 유형 번호
  - ADR, ADN, IMDG, IATA: 누락되다
- UN 적정 선적명
  - ADR, ADN, IMDG, IATA: 누락되다
- 교통 위험 플레스
  - ADR, ADN, IMDG, IATA: 누락되다
- 등급
  - ADR, IMDG, IATA: 누락되다
- 용기등급
  - ADR, IMDG, IATA: 누락되다
- 환경적 유해물질: 해당사항 없음.
- 이용자 특별 예방조치: 해당사항 없음.
- MARPOL73/78(선박으로부터의 해양오염방지협) 부속서2 및 IBC Code(국제선적화물코드)에 따른 벌크(bulk) 운송: 해당사항 없음.
- UN "모범 규제": 누락되다

15 법적 규제현황

- 해당 순서에 따른 준수 및 환경 규제/법률

| 한국화학물질재해예방관리법 | KE-12344 |
| Other Chemical Registry | KE-35400 |

- GHS 라벨 요소
  본 제품은 화학물질의 분류 및 표기에 관한 국제화합시스템(GHS)에 따라 분류 및 표기되었습니다.

- 그림문자

GHS07

- 신호어 경고
- 유해 위험 문구
  눈에 심각 자극을 일으킴. 에방조치 문구
  (보호장갑, 보호의, 보안경, 안면보호구)를(을) 착용하시오. 취급 후에는 취급 부위를 철저히 씻으십시오. 눈에 뿜으면 몇 분간 물로 씻어 주십시오. 가능하면 콘택트렌즈를 제거하시오. 계속 씻으십시오. 눈에 자극이 지속되면 의학적인 조치 조언을 구하시오. 용기는 환기가 잘 되는 곳에 단단히 밀폐하여 저장하시오. 현지/지역/국가/국제 규정에 따라서 내용물/용기 노출

상부의 출처는 안전

기압점: 2016.01.14
개정: 2016.01.14
제품명: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

화학물질 안전성 평가: 화학물질 안전성 평가가 수행되지 않음

16 그 밖의 참고사항
이보고는 우리의 시대에 대한 오늘날의 상태에 대하여 평가하고 있다. 하지만 이 보고서는 생산 특성에 관한 보증을 기술하지 않았으며 계약적인 법률관계에 기반을 두고 있지 않다.

최초 작성일자: 2016.01.14
최종 개정일자: 2016.01.14

약어와 두문자어:
ADR: Accord européen sur le transport 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
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
심한 눈 손상/자극성 구분2: Serious eye damage/eye irritation, Hazard Category 2
SECCIÓN 1: Identificación de la sustancia o la mezcla y de la sociedad o la empresa

- 1.1 Identificador del producto
  - Nombre comercial: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION
  - Número del artículo: 26503-06
  - 1.2 Usos pertinentes identificados de la sustancia o de la mezcla y usos desaconsejados
    No existen más datos relevantes disponibles.
  - Utilización del producto / de la elaboración Sustancias químicas de laboratorio
  - 1.3 Datos del proveedor de la ficha de datos de seguridad
    - Fabricante/distribuidor:
      Electron Microscopy Sciences
      1560 Industry Road
      USA-Hatfield, PA 19440
      Tel: 215-412-8400  Fax: 215-412-8450
      email: sgkck@aol.com
      www.emsdiasum.com
    - Aname
      C/ Perez Galdos no. 2
      28693 Quijorna
      Madrid, Spain
      Tel: +34.91.816.89.50
      Fax: +34.91.816.85.94
      email: ventas@aname.es
    - Área de información: Product safety department
  - 1.4 Teléfono de emergencia:
    - ChemTrec 1-800-424-9300 Contract CCN7661
    - 1-703-527-3887

SECCIÓN 2: Identificación de los peligros

- 2.1 Clasificación de la sustancia o de la mezcla
  - Clasificación con arreglo al Reglamento (CE) n° 1272/2008
    
    ! GHS07
    Acute Tox. 4  H302  Nocivo en caso de ingestión.
    Acute Tox. 4  H312  Nocivo en contacto con la piel.
    Acute Tox. 4  H332  Nocivo en caso de inhalación.

- 2.2 Elementos de la etiqueta
  - Etiquetado con arreglo al Reglamento (CE) n° 1272/2008
    El producto se ha clasificado y etiquetado de conformidad con el reglamento CLP.
  - Pictogramas de peligro
    
    ! GHS07

- Palabra de advertencia Atención
  - Indicaciones de peligro
    H302+H312+H332 Nocivo en caso de ingestión, contacto con la piel o inhalación.

( se continua en página 2 )
**Nombre comercial:** SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- **Consejos de prudencia**
  - P261 Evitar respirar el polvo/el humo/el gas/la niebla/los vapores/el aerosol.
  - P280 Llevar guantes/ prendas/ gafas/ máscara de protección.
  - P321 Se necesita un tratamiento específico (ver en esta etiqueta).
  - P301+P312 EN CASO DE INGESTIÓN: Llamar a un CENTRO DE TOXICOLOG|ÍA/medico si la persona se encuentra mal.
  - P304+P340 EN CASO DE INHALACIÓN: Transportar a la persona al aire libre y mantenerla en una posición que le facilite la respiración.
  - P501 Eliminar el contenido o el recipiente conforme a la reglamentación local/regional/nacional/ internacional.

- **2.3 Otros peligros**
  - Resultados de la valoración PBT y mPmB
    - PBT: No aplicable.
    - mPmB: No aplicable.

**SECCIÓN 3: Composición/información sobre los componentes**

- **3.2 Caracterización química: Mezclas**
  - **Descripción:** Mezcla formada por las substancias especificadas a continuación con adiciones no peligrosas.
  - **Componentes peligrosos:** suprimido
  - **Indicaciones adicionales:** El texto de los posibles riesgos aquí indicados se puede consultar en el capítulo 16.

**SECCIÓN 4: Primeros auxilios**

- **4.1 Descripción de los primeros auxilios**
  - **Instrucciones generales:** Los síntomas de intoxicación pueden presentarse después de muchas horas, por lo que se requiere una supervisión médica durante un mínimo de 48 horas después del accidente.
  - **En caso de inhalación del producto:** Suministrar aire fresco; eventualmente hacer respiración artificial, calor. Si los trastornos persisten, consultar al médico.
  - **En caso de contacto con la piel:** Por regla general, el producto no irrita la piel.
  - **En caso de con los ojos:** Limpiar los ojos abiertos durante varios minutos con agua corriente. En caso de trastornos persistentes consultar un médico.
  - **En caso de ingección:** Consultar inmediatamente un médico.
- **4.2 Principales síntomas y efectos, agudos y retardados** No existen más datos relevantes disponibles.
- **4.3 Indicación de toda atención médica y de los tratamientos especiales que deban dispensarse inmediatamente** No existen más datos relevantes disponibles.

**SECCIÓN 5: Medidas de lucha contra incendios**

- **5.1 Medios de extinción**
  - **Sustancias extintoras apropiadas:** CO2, polvo extintor o chorro de agua rociada. Combatir incendios mayores con chorro de agua rociada o espuma resistente al alcohol.
- **5.2 Peligros específicos derivados de la sustancia o la mezcla** No existen más datos relevantes disponibles.
SECCIÓN 6: Medidas en caso de vertido accidental

- 6.1 Precauciones personales, equipo de protección y procedimientos de emergencia: No es necesario.
- 6.2 Precauciones relativas al medio ambiente: Diluir con mucha agua.
- 6.3 Métodos y material de contención y de limpieza:
  Quitar con material absorbente (arena, kieselgur, aglutinante de ácidos, aglutinante universal, aserrín).
  Desechar el material contaminado como vertido según item 13.
  Asegurar suficiente ventilación.
- 6.4 Referencia a otras secciones
  Ver capítulo 7 para mayor información sobre una manipulación segura.
  Ver capítulo 8 para mayor información sobre el equipo personal de protección.
  Para mayor información sobre cómo desechar el producto, ver capítulo 13.

SECCIÓN 7: Manipulación y almacenamiento

- 7.1 Precauciones para una manipulación segura
  Asegurar suficiente ventilación/aspiración en el puesto de trabajo.
  Evitar la formación de aerosoles.
- 7.2 Condiciones de almacenamiento seguro, incluidas posibles incompatibilidades
- 7.3 Usos específicos finales: No existen más datos relevantes disponibles.

SECCIÓN 8: Controles de exposición/protección individual

- 8.1 Parámetros de control
- 8.2 Controles de la exposición
- 8.3 Medidas generales de protección e higiene:
  Mantener alejado de alimentos, bebidas y alimentos para animales.
  Quitarse la ropa ensuciada o impregnada.
  Lavarse las manos antes de las pausas y al final del trabajo.
  Evitar el contacto con los ojos.
  Evitar el contacto con los ojos y la piel.
- 8.4 Protección respiratoria:
  Si la exposición va a ser breve o de poca intensidad, colocarse una máscara respiratoria. Para una exposición más intensa o de mayor duración, usar un aparato de respiración autónomo.
Nombre comercial: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

- Protección de manos:
  
  Guantes de protección

El material del guante deberá ser impermeable y resistente al producto / substancia / preparado. Ante la ausencia de tests específicos, no se puede recomendar ningún material específico para guantes de protección contra el producto / preparado / mezcla de sustancias químicas. Selección del material de los guantes en función de los tiempos de rotura, grado de permeabilidad y degradación.

- Material de los guantes
  
  La elección del guante adecuado no depende únicamente del material, sino también de otras características de calidad, que pueden variar de un fabricante a otro. Teniendo en cuenta que el producto está fabricado a partir de diferentes materiales, su calidad no puede ser avaluada de antemano, de modo que los guantes deberán ser controlados antes de su utilización.

- Tiempo de penetración del material de los guantes
  
  El tiempo de resistencia a la penetración exacto deberá ser pedido al fabricante de los guantes. Este tiempo debe ser respetado.

- Protección de ojos:
  
  Gafas de protección herméticas

---

SECCIÓN 9: Propiedades físicas y químicas

- 9.1 Información sobre propiedades físicas y químicas básicas
  
  - Datos generales
    - Aspecto:
      - Forma: Líquido
      - Color: Incoloro
      - Olor: Inodoro
    - Umbral olfativo: No determinado.
    - valor pH: No determinado.

- Cambio de estado
  - Punto de fusión /campo de fusión: Indeterminado.
  - Punto de ebullición /campo de ebullición: 100 °C

- Punto de inflamación:
  - No aplicable.

- Inflamabilidad (sólido, gaseiforme):
  - No aplicable.

- Temperatura de ignición:
  - Temperatura de descomposición: No determinado.

- Autoinflamabilidad:
  - El producto no es autoinflamable.

- Peligro de explosión:
  - El producto no es explosivo.

- Límites de explosión
  - Inferior: No determinado.
  - Superior: No determinado.

- Presión de vapor:
  - No determinado.
Ficha de datos de seguridad
según 1907/2006/CE, Artículo 31

fecha de impresión 14.01.2016
Revisión: 14.01.2016

Nombre comercial: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

( se continua en página 4 )

| · Densidad a 20 °C:  | 1 g/cm³ |
|· Densidad relativa | No determinado. |
|· Densidad de vapor | No determinado. |
|· Velocidad de evaporación | No determinado. |

| · Solubilidad en / miscibilidad con agua: | Completamente mezclable. |
|· Coeficiente de reparto (n-octanol/agua): | No determinado. |

| · Viscosidad: |
| Dinámica: | No determinado. |
| Cinemática: | No determinado. |

| · Concentración del disolvente: |
| Disolventes orgánicos: | 0.0 % |
| Agua: | 99.0 % |
| VOC (CE) | 0.00 % |

| · 9.2 Otros datos | No existen más datos relevantes disponibles. |

SECCIÓN 10: Estabilidad y reactividad

· 10.1 Reactividad No existen más datos relevantes disponibles.
|· 10.2 Estabilidad química |
| Descomposición térmica / condiciones que deben evitarse: No se descompone al emplearse adecuadamente. |
|· 10.3 Posibilidad de reacciones peligrosas No se conocen reacciones peligrosas. |
|· 10.4 Condiciones que deben evitarse No existen más datos relevantes disponibles. |
|· 10.5 Materiales incompatibles: No existen más datos relevantes disponibles. |
|· 10.6 Productos de descomposición peligrosos: No se conocen productos de descomposición peligrosos. |

SECCIÓN 11: Información toxicológica

· 11.1 Información sobre los efectos toxicológicos
|· Toxicidad aguda |
| Nocivo en caso de ingestión, contacto con la piel o inhalación. |
|· Efecto estimulante primario: |
|· Corrosión o irritación cutáneas A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |
|· Lesiones o irritación ocular graves A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |
|· Sensibilización respiratoria o cutánea A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |
|· Efectos CMR (carcinogenicidad, mutagenicidad y toxicidad para la reproducción) |
|· Mutagenicidad en células germinales A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |
|· Carcinogenicidad A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |
|· Toxicidad para la reproducción A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |
|· Toxicidad específica en determinados órganos (STOT) – exposición única A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |
|· Toxicidad específica en determinados órganos (STOT) – exposición repetida A la vista de los datos disponibles, no se cumplen los criterios de clasificación. |

( se continua en página 6 )
Nombre comercial: SODIUM PHOSPHATE, 1% AQUEOUS SOLUTION

· Peligro de aspiración: A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

SECCIÓN 12: Información ecológica

· 12.1 Toxicidad
  · Toxicidad acuática: No existen más datos relevantes disponibles.
  · 12.2 Persistencia y degradabilidad: No existen más datos relevantes disponibles.
  · 12.3 Potencial de bioacumulación: No existen más datos relevantes disponibles.
  · 12.4 Movilidad en el suelo: No existen más datos relevantes disponibles.
  · Indicaciones medioambientales adicionales:
    · Indicaciones generales: Por regla general, no es peligroso para el agua.
    · 12.5 Resultados de la valoración PBT y mPmB:
      · PBT: No aplicable.
      · mPmB: No aplicable.
    · 12.6 Otros efectos adversos: No existen más datos relevantes disponibles.

SECCIÓN 13: Consideraciones relativas a la eliminación

· 13.1 Métodos para el tratamiento de residuos
  · Recomendación: No debe desecharse con la basura doméstica. No debe llegar al alcantarillado.
  · Embalajes sin limpiar:
    · Recomendación: Eliminar conforme a las disposiciones oficiales.
    · Producto de limpieza recomendado: Agua, eventualmente añadiendo productos de limpieza.

SECCIÓN 14: Información relativa al transporte

· 14.1 Número ONU
  · ADR, ADN, IMDG, IATA: suprimido
· 14.2 Designación oficial de transporte de las Naciones Unidas
  · ADR, ADN, IMDG, IATA: suprimido
· 14.3 Clase(s) de peligro para el transporte
  · ADR, ADN, IMDG, IATA
    · Clase: suprimido
· 14.4 Grupo de embalaje
  · ADR, IMDG, IATA: suprimido
· 14.5 Peligros para el medio ambiente:
  · No aplicable.
· 14.6 Precauciones particulares para los usuarios
  · No aplicable.
· 14.7 Transporte a granel con arreglo al anexo II del Convenio MARPOL y el Código IBC
  · No aplicable.
· "Reglamentación Modelo" de la UNECE: suprimido
SECCIÓN 15: Información reglamentaria

- 15.1 Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla
  - Directiva 2012/18/UE
  - Sustancias peligrosas nominadas - ANEXO I ninguno de los componentes está incluido en una lista
- 15.2 Evaluación de la seguridad química: Una evaluación de la seguridad química no se ha llevado a cabo.

SECCIÓN 16: Otra información

Los datos se fundan en el estado actual de nuestros conocimientos, pero no constituyen garantía alguna de cualidades del producto y no generan ninguna relación jurídica contratual.

- Abreviaturas y acrónimos:
  ADR: Accord européen sur le transport 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
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Acute Tox. 4: Acute toxicity, Hazard Category 4