

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

#### 1.1. Product identifier

Product form : Substance  
 Substance name : Sodium Phosphate Tribasic Dodecahydrate  
 CAS No : 10101-89-0  
 Formula : Na<sub>3</sub>PO<sub>4</sub>·12H<sub>2</sub>O  
 Synonyms : E339(III), dodecahydrate / phosphoric acid, trisodium salt, dodecahydrate / sodium orthophosphate, dodecahydrate / sodium phosphate tribasic, dodecahydrate / sodium phosphate tribasic-12-hydrate / sodium phosphate, dodecahydrate / tertiary-trisodium phosphate, dodecahydrate / tert-trisodium phosphate, dodecahydrate / trisodium phosphate, dodecahydrate / trisodium phosphate-12-hydrate / TSP, dodecahydrate  
 BIG no : 16360

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

Use of the substance/mixture : Cleansing product: component  
 Paper production  
 Cleansing product  
 Food industry: additive  
 Photographic chemical  
 Fungicide  
 Laboratory chemical

#### 1.3. Details of the supplier of the safety data sheet

Shri Shanti Laboratories,  
 Shri Shanti Niwas,  
 Gangashahar Road, Bikaner, India-334001

#### 1.4. Emergency telephone number

Emergency number : +91-9571511119

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Skin Corr. 1A H314  
 Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) : Danger  
 Hazard statements (GHS-US) : H314 - Causes severe skin burns and eye damage  
 Precautionary statements (GHS-US) : P260 - Do not breathe dust  
 P264 - Wash hands, forearms and face thoroughly after handling  
 P280 - Wear protective gloves, eye protection  
 P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting  
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P310 - Immediately call a doctor  
 P321 - Specific treatment (see First aid measures on this label)

P363 - Wash contaminated clothing before reuse  
P405 - Store locked up  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Substance type : Mono-constituent

| Name                                    | Product identifier  | %   | Classification (GHS-US) |
|---|---------------------|-----|-------------------------|
| Sodium Phosphate Tribasic Dodecahydrate | (CAS No) 10101-89-0 | 100 | Skin Corr. 1A, H314     |

Full text of H-phrases: see section 16

### 3.2. Mixture

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Check the vital functions. Unconscious: maintain adequate airway and respiration.  
Respiratory

arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

First-aid measures after skin contact : Wipe off dry product from skin. Wash immediately with lots of water. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists.

First-aid measures after eye contact : Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Call Poison Information Centre ([www.big.be/antigif.htm](http://www.big.be/antigif.htm)). Consult a doctor/medical service if you feel unwell. Take the container/vomit to the doctor/hospital. Ingestion of large quantities: immediately to hospital.

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

Symptoms/injuries after inhalation : Irritation of the respiratory tract. FOLLOWING SYMPTOMS MAY APPEAR LATER: Risk of lung oedema.

Symptoms/injuries after skin contact : Tingling/irritation of the skin. Red skin. Itching.

Symptoms/injuries after eye contact : Irritation of the eye tissue.

Symptoms/injuries after ingestion : AFTER ABSORPTION OF HIGH QUANTITIES: Nausea. Vomiting. Diarrhoea.

Chronic symptoms : No effects known.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Adapt extinguishing media to the environment.

Unsuitable extinguishing media : No unsuitable extinguishing media known.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard: see "Reactivity Hazard".

Explosion hazard : DIRECT EXPLOSION HAZARD. No data available on direct explosion hazard. INDIRECT EXPLOSION HAZARD. No data available on indirect explosion hazard.

Reactivity : Reacts on exposure to water (moisture) with (some) metals: release of highly flammable gases/vapours (hydrogen). On burning: release of toxic and corrosive gases/vapours (phosphorus oxides). Reacts violently with (some) acids.

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### 5.3. Advice for firefighters

|  |  |
|--|--|
| Precautionary measures fire                    | : Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to fire/heat: have neighbourhood close doors and windows. |
| Firefighting instructions                      | : Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water.  |
| Protection during firefighting                 | : Heat/fire exposure: compressed air/oxygen apparatus.   |
| Special protective equipment for fire fighters | : Appropriate self-contained breathing apparatus may be required.  |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |   |
|------------------|---|
| General measures | : Avoid dust formation. Avoid breathing dust, mist or spray. Evacuate area. |
|------------------|---|

#### 6.1.1. For non-emergency personnel

|                                  |  |
|----------------------------------|--|
| Protective equipment             | : Gloves. Face-shield. Protective clothing. See "Material-Handling" to select protective clothing. Dust cloud production: compressed air/oxygen apparatus. Dust cloud production: dust-tight suit. |
| Emergency procedures             | : Mark the danger area. Prevent dust cloud formation. No naked flames. In case of hazardous reactions: keep upwind. In case of reactivity hazard: consider evacuation. Wash contaminated clothes.  |
| Measures in case of dust release | : In case of dust production: keep upwind. Dust production: have neighbourhood close doors and windows.  |

#### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection" " |
|----------------------|--|

### 6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

### 6.3. Methods and material for containment and cleaning up

|                         |  |
|-------------------------|--|
| For containment         | : Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Dam up the solid spill. Knock down/dilute dust cloud with water spray. Take account of toxic/corrosive precipitation water.  |
| Methods for cleaning up | : Prevent dispersion by covering with dry sand/earth. Collect the spill only if it is in a dry state. See "Material-handling" for suitable container materials. Carefully collect the spill/leftovers. Spill must not return in its original container. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling. |
| Other information       | : Dispose of materials or solid residues at an authorized site.  |

### 6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection"".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : Avoid dust formation.   |
| Precautions for safe handling     | : Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Avoid raising dust. Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. |
| Hygiene measures                  | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Avoid contact with eyes. Avoid breathing dust, mist or spray.  |

### 7.2. Conditions for safe storage, including any incompatibilities

|                               |   |
|-------------------------------|---|
| Storage conditions            | : Keep container tightly closed. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool.                             |
| Heat-ignition                 | : KEEP SUBSTANCE AWAY FROM: heat sources.   |
| Prohibitions on mixed storage | : KEEP SUBSTANCE AWAY FROM: (strong) acids. metals. water/moisture.   |
| Storage area                  | : Store in a dry area. Keep only in the original container. Meet the legal requirements.  |
| Special rules on packaging    | : SPECIAL REQUIREMENTS: hermetical. watertight. dry. clean. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers. |

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Packaging materials : SUITABLE MATERIAL: steel. stainless steel. nickel. MATERIAL TO AVOID: aluminium. zinc. tin. bronze.

## 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Sodium Phosphate Tribasic Dodecahydrate (10101-89-0) |                                     |   |
|--|-------------------------------------|---|
| ACGIH  | ACGIH STEL (mg/m <sup>3</sup> )     | 5 mg/m <sup>3</sup> USA. Workplace Environmental Exposure Levels (WEEL) |
| OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup> Total Dust<br>5 mg/m <sup>3</sup> Respirable Dust  |

### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station. Eye fountain. Safety shower.

Personal protective equipment : Dust formation: dust mask. Dustproof clothing. Gloves. Safety glasses.



Materials for protective clothing : GIVE EXCELLENT RESISTANCE: No data available. GIVE GOOD RESISTANCE: neoprene. butyl rubber. nitrile rubber. PVA. GIVE LESS RESISTANCE: No data available. GIVE POOR RESISTANCE: No data available.

Hand protection : Gloves.

Eye protection : Face shield. In case of dust production: protective goggles.

Skin and body protection : Protective clothing. In case of dust production: head/neck protection. In case of dust production: dustproof clothing.

Respiratory protection : Dust production: dust mask with filter type P2.

Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Crystalline solid.

Color : Colourless to white

Odor : Odourless

Odor threshold : No data available

pH : 12 (1 %)

pH solution : 1 %

Melting point : 73 °C

Freezing point : Not applicable

Boiling point : Not applicable

Flash point : Not applicable

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : No data available

Explosion limits : Not applicable

Explosive properties : No data available

Oxidizing properties : No data available

Vapor pressure : No data available

Relative density : 1.6

Relative vapor density at 20 °C : No data available

Specific gravity / density : 1620 kg/m<sup>3</sup>

Molecular mass : 380.12 g/mol

Solubility : Soluble in water.  
Water: 12 g/100ml

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|                           |                     |
|---------------------------|---------------------|
| Log Pow                   | : No data available |
| Log Kow                   | : No data available |
| Auto-ignition temperature | : Not applicable    |
| Decomposition temperature | : 73 °C             |
| Viscosity                 | : No data available |
| Viscosity, kinematic      | : Not applicable    |
| Viscosity, dynamic        | : No data available |

### 9.2. Other information

|                  |                                 |
|------------------|---------------------------------|
| VOC content      | : Not applicable (inorganic)    |
| Other properties | : Substance has basic reaction. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts on exposure to water (moisture) with (some) metals: release of highly flammable gases/vapours (hydrogen). On burning: release of toxic and corrosive gases/vapours (phosphorus oxides). Reacts violently with (some) acids.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong oxidizing agents. Strong reducing agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Likely routes of exposure : Skin and eyes contact.; Inhalation; Ingestion.

Acute toxicity : Not classified

| Sodium Phosphate Tribasic Dodecahydrate (10101-89-0) |   |
|--|---|
| LD50 oral rat  | 7400 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Literature study; >2000 mg/kg bodyweight; Rat) |
| LD50 dermal rabbit                                   | > 7940 mg/kg (Rabbit)   |
| LC50 inhalation rat (mg/l)                           | > 0.83 mg/l/4h (Rat; Read-across)   |
| ATE US (oral)  | 7400.000 mg/kg body weight  |

Skin corrosion/irritation : Causes severe skin burns and eye damage.  
pH: 12 (1 %)

Serious eye damage/irritation : Not classified  
pH: 12 (1 %)

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : Irritation of the respiratory tract. FOLLOWING SYMPTOMS MAY APPEAR LATER: Risk of lung oedema.  
EN (English US)

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|                                      |   |
|--------------------------------------|---|
| Symptoms/injuries after skin contact | : Tingling/irritation of the skin. Red skin. Itching.               |
| Symptoms/injuries after eye contact  | : Irritation of the eye tissue.                                     |
| Symptoms/injuries after ingestion    | : AFTER ABSORPTION OF HIGH QUANTITIES: Nausea. Vomiting. Diarrhoea. |
| Chronic symptoms                     | : No effects known.   |

### SECTION 12: Ecological information

#### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Ecology - general | : Not classified as dangerous for the environment according to the criteria of Directive 67/548/EEC. Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.  |
| Ecology - air     | : Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009). Not included in the list of fluorinated greenhouse gases (Regulation (EC) No 842/2006). TA-LuftKlasse 5.2.1.   |
| Ecology - water   | : Maximum concentration in drinking water: 200 mg/l (sodium) (Directive 98/83/EC). Slightly harmful to fishes (LC50(96h) >100 mg/l). Slightly harmful to invertebrates (Daphnia) (EC50 (48h) > 100 mg/l). May cause eutrophication. Slightly harmful to algae (EC50 (72h) > 100 mg/l). pH shift. |

| Sodium Phosphate Tribasic Dodecahydrate (10101-89-0) |  |
|--|--|
| LC50 fish 1  | 2400 mg/l (48 h; Leuciscusidus; Anhydrous form)      |
| EC50 Daphnia 1                                       | > 100 mg/l (48 h; Daphnia magna)                     |
| LC50 fish 2  | 220 mg/l (96 h; Lepomis macrochirus; Anhydrous form) |
| Threshold limit algae 1                              | > 100 mg/l (72 h; Desmodesmus subspicatus)           |

#### 12.2. Persistence and degradability

| Sodium Phosphate Tribasic Dodecahydrate (10101-89-0) |  |
|--|--|
| Persistence and degradability                        | Biodegradability: not applicable. Biodegradability in soil: not applicable. No (test) data on mobility of the substance available. |
| ThOD   | Not applicable (inorganic)   |

#### 12.3. Bioaccumulative potential

| Sodium Phosphate Tribasic Dodecahydrate (10101-89-0) |                      |
|--|----------------------|
| Bioaccumulative potential                            | Not bioaccumulative. |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                |   |
|--------------------------------|---|
| Waste disposal recommendations | : Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Neutralize. Precipitate/make insoluble. Remove to an authorized dump (Class I). Do not discharge into the sewer. Do not discharge into surface water. |
| Additional information         | : LWCA (the Netherlands): KGA category 05. Hazardous waste according to Directive 2008/98/EC.   |

### SECTION 14: Transport information

#### Department of Transportation (DOT)

|                                |  |
|--------------------------------|--|
| In accordance with DOT         |  |
| Transport document description | : UN3262 Corrosive solid, basic, inorganic, n.o.s., 8, III     |
| UN-No.(DOT)                    | : UN3262   |
| Proper Shipping Name (DOT)     | : Corrosive solid, basic, inorganic, n.o.s.<br>EN (English US) |

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Hazard Classes (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136

Hazard labels (DOT) : 8 - Corrosive



Packing group (DOT) : III - Minor Danger

DOT Packaging Non Bulk (49 CFR 173.xxx) : 213

DOT Packaging Bulk (49 CFR 173.xxx) : 240

DOT Symbols : G - Identifies PSN requiring a technical name

DOT Special Provisions (49 CFR 172.102) : IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).  
IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner.

T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)

TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 25 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 100 kg

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 52 - Stow "separated from" acids

### Additional information

Other information : No supplementary information available.

### Transport by sea

UN-No. (IMDG) : 3262

Proper Shipping Name (IMDG) : CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.

Class (IMDG) : 8 - Corrosive substances

Packing group (IMDG) : III - substances presenting low danger

### Air transport

UN-No.(IATA) : 3262

Proper Shipping Name (IATA) : CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.

Class (IATA) : 8 - Corrosives

Packing group (IATA) : III - Minor Danger

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

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

|   |                   |     |
|---|-------------------|-----|
| Sodium Phosphate Tribasic Dodecahydrate | CAS No 10101-89-0 | 100 |
|---|-------------------|-----|

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

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### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

STOT SE 3 H335

Skin Irrit. 2 H315

Full text of H-phrases: see section 16

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R36/37/38

Full text of R-phrases: see section 16

### National regulations

#### Sodium Phosphate Tribasic Dodecahydrate (10101-89-0)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

Listed on New Zealand - Inventory of Chemicals (NZIoC)

Listed on Inventory of Chemicals and Chemical Substances (PICCS)

The anhydrous form of this material is listed on the United States TSCA (Toxic Substance Control Act) inventory

#### Sodium Phosphate Tribasic Dodecahydrate (10101-89-0)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

Listed on New Zealand - Inventory of Chemicals (NZIoC)

Listed on Inventory of Chemicals and Chemical Substances (PICCS)

The anhydrous form of this material is listed on the United States TSCA (Toxic Substance Control Act) inventory

### 15.3. US State regulations

#### Sodium Phosphate Tribasic Dodecahydrate(10101-89-0)

State or local regulations

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

#### Sodium Phosphate Tribasic Dodecahydrate (10101-89-0)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Indication of changes : Initial SDS.

Full text of H-phrases:

|               |   |
|---------------|---|
| Skin Corr. 1A | Skin corrosion/irritation Category 1A   |
| H314          | Causes severe skin burns and eye damage |

NFPA health hazard

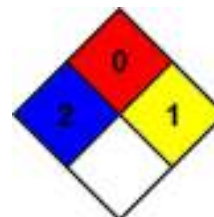
: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard

: 0 - Materials that will not burn.

NFPA reactivity

: 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.





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### HMIS III Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection : E

E - Safety glasses, Gloves, Dust respirator

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*