



# MATERIAL SAFETY DATA SHEET

## Sodium Phosphate, Tribasic

### Section 1 - Chemical Product and Company Identification

<b>MSDS Name:</b>	Sodium Phosphate, Tribasic
<b>Synonyms:</b>	Tri-Sodium Phosphate

<b>Company Identification:</b>	<b>Hazel Mercantile Ltd</b>
<b>Company Identification: (INDIA)</b>	701/712A, Embassy Centre, Nariman Point, Mumbai -400 021,
<b>For information in the INDIA, call:</b>	+91-22-2282 4444 (50 Lines)

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
7601-54-9	Sodium phosphate, tribasic	98	231-509-8

<b>Hazard Symbols:</b>	C
	
<b>Risk Phrases:</b>	35

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

*Causes severe burns.*

#### Potential Health Effects

<b>Eye:</b>	Causes eye burns.
<b>Skin:</b>	Causes skin burns.
<b>Ingestion:</b>	Causes gastrointestinal tract burns.
<b>Inhalation:</b>	Causes chemical burns to the respiratory tract.
<b>Chronic:</b>	

### Section 4 - First Aid Measures

<b>Eyes:</b>	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
<b>Skin:</b>	Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Ingestion:</b>	Do not induce vomiting. Get medical aid immediately.
<b>Inhalation:</b>	Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<b>Notes to Physician:</b>	Treat symptomatically and supportively.



### Section 5 - Fire Fighting Measures

<b>General Information:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
<b>Extinguishing Media:</b>	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

### Section 6 - Accidental Release Measures

<b>General Information:</b>	Use proper personal protective equipment as indicated in Section 8.
<b>Spills/Leaks:</b>	Vacuum or sweep up material and place into a suitable disposal container. Do not let this chemical enter the environment.

### Section 7 - Handling and Storage

<b>Handling:</b>	Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Use only in a chemical fume hood.
<b>Storage:</b>	Store in a cool, dry place. Store in a tightly closed container. Corrosives area.

### Section 8 - Exposure Controls, Personal Protection

<b>Engineering Controls:</b>	
	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
<b>Exposure Limits</b>	CAS# 7601-54-9:
<b>Personal Protective Equipment</b>	
<b>Eyes:</b>	Wear chemical splash goggles.
<b>Skin:</b>	Wear appropriate protective gloves to prevent skin exposure.
<b>Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Respirators:</b>	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### Section 9 - Physical and Chemical Properties

<b>Physical State:</b>	Crystalline powder
<b>Color:</b>	white
<b>Odor:</b>	odorless
<b>pH:</b>	12 (10 g/L aq soln)
<b>Vapor Pressure:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	Not available
<b>Autoignition Temperature:</b>	Not available
<b>Flash Point:</b>	Not available
<b>Explosion Limits: Lower:</b>	Not available
<b>Explosion Limits: Upper:</b>	Not available
<b>Decomposition Temperature:</b>	
<b>Solubility in water:</b>	88 g/l (20°C)
<b>Specific Gravity/Density:</b>	
<b>Molecular Formula:</b>	Na3O4P
<b>Molecular Weight:</b>	163.94



## Section 10 - Stability and Reactivity

<b>Chemical Stability:</b>	Stable. Hygroscopic: absorbs moisture or water from the air.
<b>Conditions to Avoid:</b>	Incompatible materials, exposure to moist air or water.
<b>Incompatibilities with Other Materials</b>	Strong oxidizing agents, strong acids.
<b>Hazardous Decomposition Products</b>	Oxides of phosphorus.
<b>Hazardous Polymerization</b>	Will not occur.

## Section 11 - Toxicological Information

<b>RTECS#:</b>	CAS# 7601-54-9: TC9490000
<b>LD50/LC50:</b>	RTECS: Not available.
<b>Carcinogenicity:</b>	Sodium phosphate, tribasic - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
<b>Other:</b>	The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

## Section 12 - Ecological Information

<b>Ecotoxicity:</b>	Fish: Leuciscus idus: LC0: ~2400 mg/L; 48H; .
<b>Other:</b>	Do not empty into drains.

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

## Section 14 - Transport Information

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.*	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
<b>Hazard Class:</b>	8	8	8
<b>UN Number:</b>	3262	3262	3262
<b>Packing Group:</b>	II	II	II

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## Section 15 - Regulatory Information

### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: C

#### Risk Phrases:

- R 35 Causes severe burns.

#### Safety Phrases:

- S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### WGK (Water Danger/Protection)

- CAS# 7601-54-9: 1

#### Canada

- CAS# 7601-54-9 is listed on Canada's DSL List

#### US Federal

- TSCA
- CAS# 7601-54-9 is listed on the TSCA Inventory.



## Section 16 - Other Information

<b>MSDS Creation Date:</b>	08/16/2007
<b>Revision #1 Date</b>	

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.*