



MATERIAL SAFETY DATA SHEET

Potassium Tripolyphosphate Anhydrous

1. Chemical Product And Company Identification

IDENTIFICATION

Product Name:	Potassium Tripolyphosphate Anhydrous
Chemical Family:	Phosphate Salts
Chemical Name:	Triphosphoric Acid, Pentapotassium Salt
Synonyms:	KTPP

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

2. Composition/Information On Ingredients

COMPOSITION

Substance :	Potassium Tripolyphosphate Anhydrous
CAS #	13845-36-8
%W/W	85
EINECS #	237-574-9
Risk Phrase :	None

3. Hazards Identification

Classification Of The Substance	Preparation
EC Classifications	None
Safety Phrase	S 26 S 36
Human Health Effects	Mildly Irritating Based On Toxicity Studies. The Dry Material May Cause Foreign Body Irritation In Some Individuals
Eye Contact:	
Skin Contact	Non-Irritating Based On Toxicity Studies With A Similar Material. Prolonged Contact With The Dry Material May Cause Drying Or Chapping Of The Skin
Inhalation	Inhalation Of The Dust May Cause Coughing And Sneezing.
Ingestion	No More Than Slightly Toxic If Swallowed Based On Toxicity Studies With A Similar Material. No Significant Adverse Health Effects Are Expected To Develop If Only Small Amounts (Less Than A Mouthful) Are Swallowed. Large Doses May Cause Nausea, Vomiting And Diarrhea.
Environmental Effects	This Material Is Not Expected To Produce Any Significant Adverse Environmental Effects When Recommended Use Instructions Are Followed
Warning Statements	No Significant Hazards Associated With This Material

4. First Aid Measures



General :	Wash Heavily Contaminated Clothing Before Reuse.
Eye Contact :	Immediate First Aid Is Not Likely To Be Required. However, This Material Can Be Removed With Water. Remove Material From Eyes, Skin And Clothing.
Skin Contact :	Immediate First Aid Is Not Likely To Be Required. However, This Material Can Be Removed With Water. Remove Material From Eyes, Skin And Clothing.
Inhalation :	Immediate First Aid Is Not Likely To Be Required. However, If Symptoms Occur, Remove To Fresh Air.
Ingestion:	Immediate First Aid Is Not Likely To Be Required. A Physician Or Poison Control Center Can Be Contacted For Advice.

5. Fire Fighting Measures

Extinguishing Media:	To Extinguish Fire Use Water Spray, Dry Chemical, Carbon Dioxide, Or Appropriate Foam Unsuitable Extinguishable Media
Exposure Hazards:	No Special Considerations
Protective Equipment:	As A General Precaution, Firefighters And Others Exposed, Wear Self-Contained Breathing Apparatus.

6. Accidental Release Measures

Personal Precautions :	Avoid Unnecessary Exposure And Remove All Material From Eyes, Skin, And Clothing.
Environmental Precautions :	Small Quantities: Avoid Discharge Into The Environment.
Large Quantities:	Note Methods For Cleaning As Follows:
Method For Cleaning Up :	Sweep, Scoop Or Vacuum And Remove. Flush Residual Spill Area With Water.

Refer To Section 13 For Disposal Information And Section 15 For Reportable Quantity Information.

7. Handling and Storage

Handling:	Handle In Accordance With Good Industrial Hygiene And Safety Practices. These Practices Include Avoiding Unnecessary Exposure And Removal Of Material From Eyes, Skin, And Clothing.
Engineering Measures	Provide Natural Or Mechanical Ventilation To Control Exposure Levels Below Airborne Exposure Limits (See Below). The Use Of Local Mechanical Exhaust Ventilation Is Preferred At Sources Of Air Contamination Such As Open Process Equipment
Storage :	Store In A Cool, Dry Place To Maintain Product Quality.

8. Exposure Controls/Personal Protection

Occupational Exposure Limit : Acgih Tlv 10 Mg/M3 (Inhalable) 8-Hr Twa, 3 Mg/M3 (Respirable) 8-Hr Twa Osha pel 15 mg/m3 (total dust) 8-hr twa, 5 mg/m3 (respirable) 8-hr twa

Osha and acgih have not established specific exposure limits for this material. However, osha and acgih have established limits for particulates not otherwise classified (pnoc) which are the least stringent exposure limits applicable to dusts.

Respiratory Protection: Avoid breathing dust. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer



to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer.

Hand/skin Protection: Although this product does not present a significant skin concern, minimize skin contamination by following good industrial practice. Wearing protective gloves is recommended. Wash hands and contaminated skin thoroughly after handling.

Eye Protection: this product does not cause significant eye irritation or eye toxicity requiring special protection. Use good industrial practice to avoid eye contact.

9. Physical and Chemical Properties

General Information	
Chemical Formula	K5P3O10
Form	Powder
Colour	White
Odor	Odorless
pH	9.6 (As A 1% Solution @ 25 Degrees C)
Solubility In Water:	66% @ 25 Degrees C
Melting Point:	620-640 Degrees C
Flash Point:	Not Available
Lower And Upper Explosion Limits (Uel/Lel)	Not Available
Specific Gravity:	0.95 g/cc

10. Stability and Reactivity

Product Is Stable Under Normal Conditions Of Storage And Handling.	
Conditions To Avoid:	None Known
Materials To Avoid:	None Known
Hazardous Decomposition:	None Known

11. Toxicological Information

Eye Irritation - Rabbit	Mildly Irritating (Unwashed Eyes)
Eye Irritation - Rabbit	Nonirritating (Washed Eyes)

12. Ecological Information

Environmental Toxicity	Not Known
------------------------	-----------

13. Disposal Considerations

This Material When Discarded Is Not A Hazardous Waste. Dry Material May Be land filled Or Recycled In Accordance With Local, State And Federal Regulations. Consult Your Attorney Or Appropriate Regulatory Officials For Information On Such Disposal.

14. Transport Information

IMDG/UN Not Classified
ICAO/IATA Not Classified
RID/ADR Not Classified
Canadian TDG Not Classified
US DOT Not Classified

15. Regulatory Information

Hazard Symbol: None

**Risk Phrase:**

- R36/37/38 – Irritating To Eyes, Respiratory System And Skin

Safety Phrase:

- S26 – In Case Of Contact With Eyes, Immediately Flush With Plenty Of Water And Seek Medical Attention.
- S36/37-Wear Suitable Protective Clothing And Gloves.

Chemical Inventory :

TSCA	Listed
DSL	Listed
EC	Listed
Australia:	Listed
Korea:	Listed
Philippines:	Listed
China:	Listed

16. Other Information

MSDS Creation Date:	October 15, 2007
----------------------------	------------------

Revision #0 Date	
-------------------------	--

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.