

MATERIAL SAFETY DATA SHEET

Triammonium Phosphate

Section 1 -Chemical Product and Company Identification

MSDS Name:	Triammonium phosphate
Synonyms:	TAP
Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000, Fax: +91 - 22 - 2275 5556 / 6184 0001

Section 2 -Composition, Information on Ingredients

CAS#:	10361-65-6
Chemical Name:	Triammonium phosphate
%:	99
EINECS#:	231-987-8

Section 3 -Hazards Identification

Hazard Symbols:	XI
Risk Phrases:	36/37/38

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye:	Causes eye irritation.
Skin:	Causes skin irritation. May be harmful if absorbed through skin.
Ingestion:	May cause irritation of the digestive tract. May be harmful if swallowed.
Inhalation:	Causes respiratory tract irritation. May be harmful if inhaled.
Chronic:	No information available

Section 4 -First Aid Measures

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

Section 5 -Fire Fighting Measures

General As in any fire, wear a self-contained breathing apparatus and full protective gear.

Flammability	Substance is noncombustible
Extinguishing Media	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire

Section 6 -Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks	Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment
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Section 7 -Handling and Storage

Handling	Use with adequate ventilation. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale
Storage	Store in a cool, dry place. Store in a tightly closed container

Section 8 -Exposure Controls, Personal Protection

Engineering Controls:

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.

Personal Protective Equipment	Wear appropriate protective eyeglasses or chemical safety goggles.
Skin	Wear appropriate protective gloves to prevent skin exposure
Clothing	Wear appropriate protective clothing to prevent skin exposure

Section 9 -Physical and Chemical Properties

Physical State	Solid
Color	White
Odor	Not available
pH	7.8 -8.2 (1% aq soln at 20 deg cel)
Vapor Pressure	Not available
Viscosity	Not applicable
Boiling Point	Not available
Freezing/Melting Point	Not available
Autoignition Temperature	Not applicable
Flash Point	Not applicable
Explosion Limits	Lower: Not available Upper: Not available
Solubility in water	58 g/100mL (20 deg cel)
Specific Gravity/Density	1.619

Section 10 -Stability and Reactivity

Chemical Stability	Air sensitive
Conditions to Avoid	Incompatible materials, dust generation, exposure to air, excess heat
Incompatibilities with	Strong oxidizing agents, strong acids, sodium hypochlorite
Hazardous Decomposition Products	Nitrogen oxides, oxides of phosphorus, ammonia
Hazardous Polymerization	not reported

Section 11 -Toxicological Information

RTECS#:	None listed
CAS# :	10361-65-6
LD50/LC50:	Not available.
Carcinogenicity:	Triammonium phosphate -Not listed as a carcinogen

Section 12 -Ecological Information

Do not empty into drains.

Section 13 -Disposal Considerations

Products considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local authority or advice.

Empty containers must be decontaminated before returning for recycling.

Section 14 -Transport Information

IATA	Not regulated
IMO	Not regulated
RID/ADR	Not regulated

Section 15 -Regulatory Information

Hazard Symbols: Xi

Risk Phrases:

- R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

- S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

- CAS# 7783-28-0: 1
- TSCA - listed on the TSCA Inventory.

Section 16 -Other Information

MSDS Creation Date:

July 26, 2015

Revision #1 Date

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