

1. Product and Company Identification

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Product Name Ammonia Phosphate 500gms
Part Number RXSOL-60-6521-500

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

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2. Composition / Information on ingredients

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Chemical Name	Cas No	% by Weight
Ammonia Phosphate 500gms	7722-76-1	100

3. Hazards Identification

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Potential Acute Health Effects	Effects: Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.
Potential Chronic Health Effects CARCINOGENIC EFFECTS	Repeated exposure may cause skin dryness or cracking Toxic to aquatic life with long lasting effects.
DEVELOPMENTAL TOXICITY	Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

4. First Aid Measures

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Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.
Serious Skin Contact	Not available
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation	Not available.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Serious Ingestion	Not available.

5. Fire-fighting Measures

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Flammability of the Product	Non-flammable
Auto-Ignition Temperature	Not applicable
Flash Points	Not applicable
Flammable Limits:	Not applicable
Products of Combustion	Not available.
Fire Hazards in Presence of Various Substances	Not applicable
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	Toxic and irritating fumes of ammonia and oxides of nitrogen may form in fires. Decomposes into ammonia and phosphoric acid when heated.
Special Remarks on Explosion Hazards	Not available.

6. Accidental Release Measures

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Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

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Precautions	Do not breathe dust. Keep away from incompatibles such as oxidizing agents, reducing agents, acids, alkalis
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure controls and personal protection

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Engineering Control	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product
Exposure Limits	Not available.

9. Physical and chemical properties

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Physical state and appearance	Solid
Odor	Odorless. May have slight ammonia odor.
Taste	Not available.
Molecular Weight	115.03 g/mole
Color	White
pH (1% soln/water)	Not available.

Boiling Point	Not available.
Melting Point	90°C (374°F)
Critical Temperature	Not available
Specific Gravity	1.803 (Water = 1)
Vapor Pressure	Not applicable.
Vapor Density	Not available.
Volatility	Not available.
Odor Threshold	Not available.
Water/Oil Dist. Coeff	Not available
Ionicity (in Water)	Not available
Dispersion Properties	See solubility in water.
Solubility	Easily soluble in hot water. Soluble in cold water. Insoluble in acetone. Solubility in water: 22.7 g/100 ml @ 0 deg. C.; 173.2 g/100 ml @ 100 deg. C

10. Stability and reactivity

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Stability	The product is stable.
Instability Temperature	Not available
Conditions of Instability	Incompatible materials
Incompatibility with various substances	Reactive with oxidizing agents, reducing agents, acids, alkalis.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.
Polymerization	Will not occur.

11. Toxicological information

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Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Chronic Effects on Humans	Not available.
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on other Toxic Effects on Humans	Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: Causes mild eye irritation. Inhalation: Causes mild respiratory tract irritation (irritation of the muosa of the nose, and throat), nausea, vomiting after inhalation of high concentrations of dust. Ingestion: May cause gastrointestinal tract irritation with abdominal cramps, nausea, vomiting and diarrhea if large amounts are ingested.

12. Ecological information

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Ecotoxicity	Not available.
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic
Special Remarks on the Products of Biodegradation	Not available.

13. Disposal considerations

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Waste Disposal

Waste must be disposed of in accordance with federal, state and local environmental control regulations

14. Transport information

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DOT Classification

Not a DOT controlled material (United States)

Identification

Not applicable.

Special Provisions for Transport

Not applicable.

15. Regulatory information

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Federal and State Regulations

TSCA 8(b) inventory: Ammonium phosphate monobasic

Other Regulations

WHMIS (Canada)

Not controlled under WHMIS (Canada).

DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.)

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

16. Other information

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No data available

Other Information

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 we 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 Rx Marine International has been advised of the possibility of such damages.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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