

# Aquapac Pty Ltd

ABN 36 114 118 311

Water treatment & Specialty chemicals

## MATERIAL SAFETY DATA SHEET

### Product: Diammonium Phosphate 30% Solution

#### Company Details

**Supplier:** Aquapac Pty Ltd  
**Address:** 4/20 Powdrill Road  
Prestons NSW 2170

**Telephone No.:** 02 9826 0201  
**Facsimile No.:** 02 9826 0208  
**Email:** williamsay@optusnet.com.au

#### Emergency Telephone No.:

**Business Hours:** 02 9826 0201

**After Hours:** 000 Fire brigade or Police

### IDENTIFICATION

<b>U.N. Number:</b>	None allocated	<b>Class:</b>	None allocated
<b>Hazchem:</b>	None allocated	<b>Poisons Schedule:</b>	Not scheduled
<b>EPG:</b>	None allocated	<b>Packaging Group:</b>	None allocated

#### Ingredients

Chemical Entity	CAS No.	Proportion
Diammonium Phosphate	7783-28-0	30%
Water	7732-18-5	balance

#### Other Names

Diammonium Phosphate solution, Ammonium Phosphate Dibasic, Diammonium Hydrogen orthophosphate, Ammonium Hydrogen phosphate

#### Uses

Water treatment additive, flameproofing of wood paper and textiles, fertilizer, plant nutrient solution, manufacture of yeast, vinegar and bread improvers, analytical reagent.

#### Physical Description / Properties

<b>Appearance:</b>	Colourless to pale yellow liquid.		
<b>Flash point:</b>	N/A	<b>Specific Gravity:</b>	1.16 – 1.20
<b>Boiling point (°C):</b>	N/A	<b>ph (neat solution)</b>	8.0 to 9.5
<b>Melting Point (°C):</b>	N/A	<b>Solubility in Water (g/L):</b>	soluble

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## Other Properties

**Odour:** slight ammoniacal odour  
**Solubility:** Completely soluble

## HEALTH HAZARD INFORMATION

### Health Effects

Symptoms that may arise if the product is mishandled are:

#### Acute

- Swallowed** May cause gastric irritation and abdominal pain.
- Eye** May be irritating to eyes.
- Skin** Repeated or prolonged skin contact may be irritating to skin.
- Inhaled** Should not occur. However if heated may release mists which may cause respiratory irritation.

### Chronic Effects

Repeated or prolonged skin contact may lead to irritant contact dermatitis.

***As with any chemical - ingestion, inhalation, and prolonged or repeated skin contact should be avoided by good occupational work practice.***

### First Aid

- Swallowed** Rinse mouth thoroughly with water immediately. If swallowed INDUCE vomiting. Seek immediate medical assistance.
- Eye** Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. If irritation persists seek immediate medical assistance.
- Skin** Remove contaminated clothing. Wash affected area with mild soap and plenty of water.
- Inhalation** Remove victim from exposure - avoid becoming a casualty. Seek medical advice.

**Poison Information Centres** in each State capital city can provide additional assistance.

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## Advice to Doctor

Treat symptomatically.

## PRECAUTIONS FOR USE

### Exposure Standards (for atmospheric contaminants in the occupational environment)

No value assigned for this product by the NOHSC (Workcover).

TWA		STEL	
ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

## Engineering Controls

Maintain concentration below recommended exposure limit. Use in a well-ventilated area. Avoid generating and inhaling mists and aerosols. Keep containers closed when not in use. If risk of overexposure exists, wear SAA approved respirator to comply with Australian Standards, ensuring correct fit to obtain adequate protection.

## Personal Protection

- Eyes:** The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate.
- Skin:** Rubber or PVC gloves, overalls or PVC suit, safety or rubber boots
- Respiratory:** If mist is generated the use of a chlorine vapour half facepiece respirator is recommended.

Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Always wash hands before smoking, eating, drinking or using the toilet.

**Classified as NOT hazardous according to criteria of NOHSC.**

### Safety Statement:

- R26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S46** If swallowed seek medical advice immediately and show this container or label
- S39** Wear suitable eye/face protection.

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## Flammability

Not combustible material.

## SAFE HANDLING INFORMATION

## Storage and Transport

Not classified as a Dangerous Good for the purposes of transport.

Use only plastic (PE, PP, PVC), fibreglass or Stainless steel containers/vessels – may be corrosive to mild steels. Containers to be stored upright and kept sealed.

## Spills

Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination including breathing apparatus.

Contain do not allow spill material to enter the environment. Contain material using inert absorbent material eg vermiculite. Place into suitable labelled containers and hold for waste disposal. Wash area down with excess water once removed.

## Disposal

Refer to State and Land Management Authority and relevant Environmental Protection Authority.

## Fire / Explosion Hazards

Materials to avoid:

Acids. Oxidising agents.

Extinguishing Media:

Fire fighters should wear full protective clothing including self-contained breathing apparatus. In case of fire use water, foam, carbon dioxide, dry powder.

## OTHER INFORMATION

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## Toxicity

Toxicology:

No data available

## Known Harmful Effects on Environment

No data available/

## Company Disclaimer

All information contained in this data sheet is as accurate and up-to-date as possible. Since Aquapac Pty Ltd cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application.

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