

Safety Data Sheet

CRYSTAL TREE SOLUTION

Issue date: 22 February 2019

SDS # 1700-1

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Crystal Tree Solution
Company Name EduScience Pty Ltd, ABN 20167720470
Address 111 Forsyth Road, Truganina VIC 3029 Australia
Emergency Tel. +61 405705009 or Poison Information 131126
+61 405705009

Other Names **Name**
Potassium / Ammonium dihydrogen phosphate 30% solution Crystal tree solution

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS
Hazard classification according to the criteria of NOHSC

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Potassium dihydrogen phosphate	7778-77-0	10%
	Ammonium dihydrogen phosphate	7722-76-1	20%
	Water		70%

4. FIRST AID MEASURES

Inhalation No inhalation danger
Ingestion Small volume of solution ingested is considered harmless. If large quantities of this chemical were swallowed, call a physician immediately.
Skin No adverse health hazard. No reaction expected.

Eye	Slightly acidic solution. Mild irritant. Check for and remove contact lenses. Wash eyes with water for approximately 5 minutes holding eyelids(s) open. Seek medical attention if irritation persists.
First Aid Facilities	Eye wash fountains and normal washroom facilities
Advice to Doctor	No information available

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Not necessary due to no ignition concern
Specific Hazards	This product is non-combustible
Hazchem Code	None Allocated

6. HANDLING AND STORAGE

Precautions for Safe Handling	None
Conditions for Safe Storage	Store in a cool dry place, away from direct sunlight
Respiratory Protection	Not required
Eye Protection	Not required
Hand Protection	Not required
Body Protection	Not required

7. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Boiling Point	100 °C
Solubility in Water	Completely
Specific Gravity	1.73 g/cm ³
pH Value	4.2 (30% solution)
Vapour Pressure	N/A
Flash Point	N/A
Flammability	This product is non-combustible
Auto-Ignition Temperature	N/A
Flammable Limits - Lower	N/A
Flammable Limits - Upper	N/A

8. STABILITY AND REACTIVITY

Chemical Stability	Stable
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Incompatible Materials Strong oxidizing agents
Hazardous Polymerization Will not occur
Other Information None

9. TOXICOLOGICAL INFORMATION

Toxicology Information N/A

10. DISPOSAL

Dissolve crystals in water and wash down drain.

11. REGULATORY INFORMATION

Poisons Schedule Not Scheduled
Hazard Category N/A

IMPORTANT ADVICE: This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact EduScience (t/a Prof Bunsen Science) at numbers above.

End of MSDS
