



# Material Safety Data Sheet

Hazardous according to criteria of Worksafe Australia

## Clearpond Pond Start

Issue Date: October 2008

### IDENTIFICATION

<b>Product Name:</b>	Clearpond Pond Start
<b>Synonyms:</b>	NIL
<b>Use:</b>	Tap water conditioner for ponds
<b>UN Number:</b>	None allocated
<b>Proper Shipping Name:</b>	NONE ALLOCATED
<b>Dangerous Goods Class:</b>	None allocated
<b>Subsidiary risk:</b>	None allocated
<b>Packing Group:</b>	None allocated
<b>Hazchem Code:</b>	None allocated
<b>Poison Schedule:</b>	None allocated

### PHYSICAL PROPERTIES

<b>Appearance:</b>	Clear Blue Liquid
<b>Boiling Point:</b>	about 100°C
<b>Vapour Pressure:</b>	Not determined
<b>Specific Gravity:</b>	1.055
<b>Flash Point:</b>	N/A
<b>Flammability Limits:</b>	Not flammable
<b>Solubility in Water:</b>	Soluble
<b>pH:</b>	9.0 - 9.5

### INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
SODIUM THIOSULFATE	1 to 10%	7772-98-7
FORMALDEHYDE	Less than 1%	50-00-0
EDTA DISODIUM SALT (Below Cutoff)	Less than 1%	6381-92-6
WATER AND OTHER NON-HAZARDOUS SUBSTANCES	Greater than 60%	Mixture

### HEALTH HAZARD INFORMATION

#### ACUTE HEALTH EFFECTS

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

**HAZARD CATEGORY:** Irritant

#### ACUTE HEALTH EFFECTS

##### Swallowed:

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

##### Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

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### Skin:

Will cause irritation to the skin, with effects including; Redness, itchiness, and drying/defatting.

### Inhaled:

Mists from the product may cause irritation to the nose, throat and respiratory system with effects including: Cough, discomfort, difficulty breathing and shortness of breath.

### Chronic:

Prolonged or repeated contact with this substance will cause sensitisation by skin contact.

Additional information for Chronic

Formaldehyde has been classified as a CATEGORY 3 CARCINOGEN (WORKSAFE). Substances suspected of having carcinogenic potential are those substances which have possible carcinogenic effects on humans but in respect of which the available information is not adequate for making a satisfactory assessment. There is some evidence from appropriate animal or epidemiological studies, but this is insufficient to place the substance in Category 2.

### FIRST AID

#### Swallowed:

If swallowed, DO NOT induce vomiting. Give 3 to 4 glasses of water to drink. Seek immediate medical assistance.

#### Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.

#### Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

#### Inhaled:

Move victim to fresh air.

#### First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

#### Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 0800 764 766

## PRECAUTIONS FOR USE

### Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

#### **SODIUM THIOSULFATE**

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

#### **FORMALDEHYDE**

(Worksafe Australia)

[TWA]1 ppm 1.2 mg/m<sup>3</sup>

[STEL]2 ppm 2.5 mg/m<sup>3</sup>

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**Carcinogen Category:** 2

**Notices:** Sen

**References:** H;R

(ACGIH)

[STEL]0.3 (Ceiling) 0.37 (Ceiling)

**Carcinogen Category:** A2

### **EDTA DISODIUM SALT (Below Cutoff)**

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

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### **WATER AND OTHER NON-HAZARDOUS SUBSTANCES**

No Exposure details available

### **Engineering Controls**

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

### **Personal Protection Equipment**

**GLOVES:** Not normally required, however, if handling large quantities or if the skin is likely to be exposed to this product over prolonged periods, then the use of PVC or natural rubber is recommended.

**EYES:** Not normally required, however, if handling large quantities chemical goggles or faceshield to protect eyes.

**RESPIRATORY PROTECTION:** Not normally required, however, if handling large quantities avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a dust mask (disposable) or a half-face respirator with P1 filter is recommended.

## SAFE HANDLING INFORMATION

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

### **Transport**

<b>UN Number:</b>	None allocated
<b>Proper Shipping Name:</b>	NONE ALLOCATED
<b>Dangerous Goods Class:</b>	None allocated
<b>Subsidiary risk:</b>	None allocated
<b>Packing Group:</b>	None allocated
<b>Hazchem Code:</b>	None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), ICAO(IATA) or IMO(IMDG).

### **Spills**

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

### **Disposal**

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

### **Fire**

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### Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting oxides of carbon.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

### Flammability

This material is not a flammable or combustible liquid.

## OTHER INFORMATION

There is no toxicological information available for this product.

### Ecotoxicity

None allocated

### Poison Schedule

None allocated

### RISK PHRASES

R43 May cause sensitisation by skin contact.

### SAFETY PHRASES

S1/2 Keep locked up and out of reach of children.

S20 When using, do not eat or drink.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately and show this container or label.

## CONTACT POINT

### Contact Point

Len Walker:

Tel: 07 3216 4100

### Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.