

**1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY**

**Product Name:** Pool Stabiliser

**Other Name:**

Isocyanuric acid; Pseudocyanuric acid; Tricyanic acid; Sym-triazinetriol; S-2,4,6-triazinetriol; Cyanuric acid

**Recommended Use of the Chemical and Restriction on Use:**

Chlorine stabilizer, elastomer curative, whitening agent.

**Details of Manufacturer or Importer:**

Canning Laboratories (1985) Pty Ltd

Unit 4 / 213 Railway Avenue

Kelmscott WA 6111

**Phone Number:** (08) 9390 7040

**Emergency telephone number:** National Poison Information Centre: 13 11 26

**2. HAZARDS IDENTIFICATION**

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

**Signal Word** Void

**Hazard Statements** Void

**3. COMPOSITION AND INFORMATION ON INGREDIENTS**

**Chemical Characterisation: Substances**

**CAS No. Description**

108-80-5 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione 98%

**Chemical Characterization: Mixtures**

**Hazardous Components:** Void

**4. FIRST AID MEASURES**

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Rinse mouth with water. Give a glass of water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

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Inhalation: Inhalation of dust may cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: Exposure to dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Ingestion: Swallowing can cause nausea, vomiting, diarrhoea and abdominal pain.

## 5 . FIRE FIGHTING MEASURES

### **Suitable Extinguishing Media:**

Water fog (or if unavailable fine water spray), foam, dry chemical powder and carbon dioxide.

### **Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and nitrogen, isocyanic acid gas and cyanide gas.

Product is a non-flammable solid.

### **Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 . ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

### **Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

### **Methods and Materials for Containment and Cleaning Up:**

Use vacuum equipment with HEPA filters or wet sweeping/dust suppressant if sweeping is required. Collect in suitable, closed containers for subsequent disposal. Ventilate area and wash spill site after material pickup is complete.

## 7 . HANDLING AND STORAGE

### **Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

### **Conditions for Safe Storage:**

Store in a cool, dry, well ventilated place and out of direct sunlight. Keep in original container tightly closed when not in use. Protect from excessive heat, direct sunlight, static discharges, and moisture. Product is hygroscopic. Keep away from strong oxidising agents and ethanol. Protect against physical damage. Check regularly for spills.

## 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

### **Exposure Standards:**

Nuisance dust:

TWA - 10 mg/m<sup>3</sup> (total dust)

TWA - 2 mg/m<sup>3</sup> (inspirable dust)

### **Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

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## Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

## Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

## Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance:

<b>Form:</b>	Powder/crystals
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	Odourless
<b>pH-Value:</b>	4.8 (saturated solution)
<b>Melting point/Melting range:</b>	>300 °C
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	360 °C
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable.
<b>Density:</b>	Not determined.
<b>Relative Density at 20 °C:</b>	2.5 g/cm <sup>3</sup>
<b>Vapour Density:</b>	Not applicable.
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water at 20 °C:</b>	2.7 g/L

## 10. STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Excessive heat, direct sunlight, static discharges, and moisture.

**Incompatible Materials:** Strong oxidising agents and ethanol.

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen, isocyanic acid gas and cyanide gas.

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## 11 . TOXICOLOGICAL INFORMATION

### Toxicity:

#### LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:

#### 108-80-5 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione

Oral LD<sub>50</sub> 3400 mg/kg (mouse)

7700 mg/kg (rat)

Dermal LD<sub>50</sub> >5000 mg/kg (rabbit)

### Acute Health Effects

**Inhalation:** Inhalation of dust may cause respiratory irritation.

**Skin:** May cause skin irritation.

### Eye:

Exposure to dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

**Ingestion:** Swallowing can cause nausea, vomiting, diarrhoea and abdominal pain.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

### Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

### Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No information available

**Existing Conditions Aggravated by Exposure:** No information available

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available

**Aquatic toxicity:** No information available

**Persistence and Degradability:** No information available

**Bioaccumulative Potential:** No information available

**Mobility in Soil:** No information available

**Other adverse effects:** No information available

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

### Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

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**14 . TRANSPORT INFORMATION**

UN Number Not regulated  
Proper Shipping Name Not regulated  
Dangerous Goods Class Not regulated  
Packing Group: Not regulated  
Marine pollutant: No

**15 . REGULATORY INFORMATION****Australian Inventory of Chemical Substances:**

108-80-5 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Poisons Schedule: 5

**16 . OTHER INFORMATION****Date of Preparation or Last Revision:** 08.07.2015**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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