



# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 12.12.2014

Revision: 12.12.2014

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** STABILISER / CYANURIC ACID

**Recommended Use of the Chemical and Restriction on Use:** Swimming pool sanitiser

**Details of Manufacturer or Importer:**

Focus Products Pty Ltd  
35 Moreton Street  
Heathwood QLD 4110

**Phone Number:** 1800 42 55 66

**Emergency telephone number:** 0411 623 619 (A/H)

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:**

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

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

The substance is not classified according to the Globally Harmonized 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

## 4 . FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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.

**Ingestion:**

If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

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.

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## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

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

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and nitrogen.

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

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

## 6 . ACCIDENTAL RELEASE MEASURES

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

Wear Safe Work Australia 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:**

Stop leak if safe to do so and sweep up, but avoid generating dust. Collect and seal in properly labelled containers for disposal. Clean up immediately to avoid accidents. Wash area down with excess of water.

## 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 containers tightly closed and dry. Protect from heat and moisture. Keep away from strong oxidising agents.

## 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.

**Personal Protective Equipment (PPE):****Respiratory Protection:**

Use a Safe Work Australia approved particulate respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of dust, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian 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.

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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>	Granules
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	Odourless
<b>pH-Value:</b>	~4.5
<b>Melting point/Melting range:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	320-360 °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 g/L
<b>Partition Coefficient (n-octanol/water):</b>	Not determined.

## 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:** Heat and moisture.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen.

## 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)

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

**14 . TRANSPORT INFORMATION****UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**Marine pollutant:** No

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**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****Creation Date:** 12.12.2014**Last Revision of MSDS:** 26.02.2007**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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)

**Data compared to the previous version altered.** Sections 2,4, 6 and 8.**Disclaimer**

This MSDS 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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