



PRICE CHEMICALS PTY LIMITED

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MATERIAL SAFETY DATA SHEET

NOT Hazardous according to criteria of Worksafe Australia

Date of Issue : 1st January 2005

1. IDENTIFICATION

General

Product Name : CYANURIC ACID

Other Names : ISOCYANURIC ACID ; PSEUDOCYANURIC ACID TRICARBIMIDE ;
TRICYANIDE ; STABILIZER

UN No. : N/A

Dangerous Goods Class : None Allocated

Subsidiary Risk : None Allocated

Hazchem Code : N/A

Pack Group : 0

EPG : N/A

Poisons Schedule : 5

Uses :

Intermediate for chlorinated bleaches, selective herbicide, whitening agents.

1.1 Physical Description / Properties

Appearance : White granules/powder

Formula : HOCHC(OH)NC(OH)N.2H₂O

Boiling Point : N/A deg C

Melting Point : >360 deg C

Vapour Pressure : N/A

Specific Gravity : 1.768 (water = 1)

Flash Point : N/A

pH : N/A ()

Solubility in water : 3 g/l (25 deg C)

Flammability Limits (as percentage volume in air)

Lower Explosion Limit : N/A

Upper Explosion Limit : N/A

1.2 Other Properties

Soluble in hot water and concentrated mineral acids, insoluble in alcohol and acetone.
Decomposes to cyanic acid at 320 deg C

1.3 Ingredients

Chemical Entity	CAS No.	Proportions (%)
CYANURIC ACID	[108-80-5]	> 98

2. HEALTH HAZARD INFORMATION

2.1 Health Effects - Acute

Swallowed

The toxicological properties of this material have not been fully investigated.

Eye

The toxicological properties of this material have not been fully investigated.

Skin

The toxicological properties of this material have not been fully investigated.

Inhaled

The toxicological properties of this material have not been fully investigated.

2.2 Health Effects - Chronic

No data available

2.3 First Aid

Swallowed

DO NOT induce vomiting. Allow the victim to rinse their mouth and then drink 2-4 cupfuls of water, and seek medical advice.

Eye

Immediately flush eyes with plenty of water for at least 15 minutes occasionally lifting the upper and lower lids.

Skin

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Inhaled

Remove from exposure to fresh air immediately.

First Aid Facilities

Ensure an eye bath and safety shower are available and ready for use.

2.5 Advice to Doctor

Treat symptomatically based on judgement of doctor and individual reactions of patient.

2.6 Toxicity Data

Oral LD50 = 3400 mg/kg (Mouse) ; 7700 mg/kg (Rat) Dermal LD50 = not available Inhalation LC50 = not available Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP or OSHA.

3. PRECAUTIONS FOR USE

3.1 Exposure Standards

An exposure standard has not been established for this product by Worksafe Australia.

3.2 Engineering Controls

Ensure adequate ventilation to maintain airborne concentrations below applicable workplace standards including the use of local and/or general mechanical exhaust ventilation if necessary, or process enclosure.

3.3 Personal Protection

Wear suitable protective clothing including overalls, dust mask, safety glasses/ goggles, gloves. Avoid contact with material, and breathing dusts. Always wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

3.4 Flammability

Non-combustible

SAFE HANDLING INFORMATION

4.1 Storage / Transport

Store in a cool, dry place. Keep container closed at all times when not in use. Avoid contact with incompatible materials.

4.2 Packaging / Labelling

UN No. N/A

Class None Allocated

Sub Risk None Allocated

Hazchem Code N/A

Pack Group 0

EPG No. N/A

Shipping Name CYANURIC ACID

Hazard

Risk Phrases

Safety Phrases

S24/25 Avoid contact with skin and eyes.

4.3 Spills and Disposal

Spills

Clean-up personnel should wear full protective clothing including breathing protection in confined areas. Avoid contamination of drains, sewers and water ways. Avoid raising dusts.

Clean-up spills immediately. Sweep up, then place into suitable containers and hold for waste disposal.

Disposal

Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

4.4 FIRE AND EXPLOSION HAZARD

Fire / Explosion

Material is stable under normal temperatures and pressures. Avoid contact with incompatible materials which include strong oxidants. Hazardous decomposition products include nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases of carbon dioxide and nitrogen. Hazardous polymerisation has not been reported.

Extinguishing Media

Fire-fighters should wear full protective clothing including self-contained breathing apparatus. In case of fire use water, dry chemical, chemical foam or alcohol-resistant foam type extinguishers. Use equipment/media appropriate to surrounding fire conditions.

5 OTHER INFORMATION

Other Information

No data available

5.1 Contact Points

Organisation	Location	Telephone	Ask For
Price Chemicals Pty Ltd	Somersby NSW	4340 0088	Technical Officer
Poisons Information Centre	Westmead	131129	
		1800-251525	