



Section 1 **Identification of Product and Supplier**

Product Name: ISOCYANURIC ACID

Production No:

Other Names:

Use: Chlorine Stabiliser

Manufacturer: Nowra Chemical Manufacturers P/L Phone: 02 4421 4099 Fax: 02 4421 4932
112 Albatross Rd Nowra NSW 2541 email: sales@nowchem.com.au

Section 2 **Hazards Identification**

Non hazardous according to the criteria of NOHSC

Poisons Schedule : S5

Section 3 **Composition / Information On Ingredients**

Ingredients:	CAS No:	Proportion:
Isocyanuric Acid	108-80-5	>98%

Section 4 **First Aid Measures**

For advice, contact a Poisons Information Centre on 131 126 or a doctor

Swallowed: Do NOT induce vomiting. Give a glass of water to drink. Seek Medical Advice.

Eyes: Hold eye open and flush with running water for 15 minutes. If necessary seek Medical Advice.

Skin: Remove contaminated clothing and launder before re-use. Wash affected areas thoroughly. If necessary seek Medical Advice.

Inhaled: Remove victim to fresh air. If victim does not respond immediately seek Medical Advice.

Advice to doctor: No information available. Treat symptomatically.

Section 5 **Fire Fighting Measures**

Extinguishers: Fine water spray, normal foam, dry agent

Combustion Products: Under extreme conditions, may produce toxic fumes

Fire PPE: Wear fully self-contained breathing apparatus.

Hazchem Code: N/A

Section 6 **Accidental Release Measures**



Emergency Procedure: Prevent spillage from spreading by damming with an inert material such as sand or soil. If necessary, notify Emergency Services.

Spills and Disposal: Wear personal protective equipment. Contain all spills, absorb with inert material and store in labelled drums. Contact appropriate authority for disposal

Section 7 Handling And Storage

Storage and Transport: Store in a cool, dry, well ventilated area. Keep away from incompatible materials including oxidising agents.

Safe Handling: Avoid skin and eye contact and breathing in dust. Avoid handling which leads to dust formation. keep out of reach of children.

Section 8 Exposure Controls / Personal Protection

Exposure Standards: None apply for this product

Engineering Controls: Avoid generating and inhaling dusts or mist.

Personal Protection: Overalls, Safety Shoes, Safety glasses, Gloves and dust mask.

Section 9 Physical And Chemical Properties

Appearance: White Crystals

Odour: Odourless

pH: 4.8 in water

Vapour Pressure: ~0

Vapour Density: N/A

Boiling Range: N/A

Melting Point: 360 deg C

Solubility: 0 % in Water

Specific Gravity: 2.500

Flash Point: N/A deg C

Product is not Flammable

Flammability Limits: N/A

Autoignition Temperature: N/A

Volatile Component: %

Viscosity:

Other Properties:

Section 10 Stability And Reactivity

Chemical Stability: This product is expected to be completely chemically stable under normal conditions

Conditions to avoid: Avoid contact with foodstuffs. Avoid exposure to moisture.

Incompatible Materials: Incompatible with strong oxidising agents, and ethanol

Hazardous Decomposition Isocyanic acid gas



Products:

Hazardous Reactions: N/A

Section 11 **Toxicological Information**

Acute (short term):

Swallowed: No hazards are anticipated from swallowing small amounts.

Eye: May cause mild short term irritation

Skin: May cause irritation in some individuals. Repeated or prolonged contact may cause irritant contact dermatitis

Inhalation: Inhalation of dust or mists will result in respiratory irritation

Chronic (long term): No information available.

Toxicological Data: Oral LD50 (rat): 7700mg/kg
Oral LD50 (mice): 3400mg/kg
Dermal LD50 (rabbit): >5000mg/kg

Section 12 **Ecological Information**

Ecotoxicity: Avoid contaminating waterways as it is expected that this product will be toxic to aquatic organisms

Section 13 **Disposal Considerations**

Disposal of Containers: Review federal, state and local government requirements prior to disposal.

Section 14 **Transport Information**

UN No: N/A **UN Name:** N/A

D. G. Class: N/A **Sub Risk:** N/A **Pack. Grp:** N/A **Hazchem Code:** N/A

n/a = not applicable (not a dangerous goods according to ADG Code)

Section 15 **Regulatory Information**

Non hazardous according to the criteria of NOHSC

Hazard Category:

Poisons Schedule : S5

This material, or its ingredients, are listed on the Australian Inventory of Chemical Substances (AICS)

Section 16 **Other Information**

Modified May 2013



Literature References:

Sources Of Data:

Extra Data:

Abbreviations:

ARDG Australian Guidelines for Transport of Dangerous Goods by Road and Rail

NOHSC National Occupational Health and Safety Commission

n/a Not Applicable

TWA Time weighted average of airborne concentration over an eight-hour working day, for a 5 day working week over an entire life.

STEL Short Term Exposure Limit - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal 8 hour working day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to its use together with any other material or in any process.

Contact Phone: (02) 4421 4099
ask for technical assistance