

# MATERIAL SAFETY DATA SHEET – 16 Sections

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #7620 Drinking Water Tablets			[WHMIS Classification]
Product Use			
Manufacturer's Name		Supplier's Name Coghlan's Ltd.	
Street Address		Street Address 121 Irene Street	
City	Province	City Winnipeg	Province Manitoba
Postal Code	Emergency Telephone	Postal Code R3T 4C7	Emergency Telephone 1-877-264-4526
Date MSDS Revised February 01, 2010	MSDS Prepared By		Phone Number (204)284-9550

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD <sub>50</sub> of Ingredient (specify species and route)	LC <sub>50</sub> of Ingredient (specify species)
Tetraglycine-Hydroperiodide	16.7	7097-60-1		
Other ingredients	83.3			
each tablet contains 6.68% Titratable Iodine				

## SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
May irritate skin. Eye irritant. Tablets harmful if swallowed.					
[WHMIS Symbols]					

## SECTION 4 – FIRST AID MEASURES

<b>Skin Contact</b> Wash exposed areas with soap and water. If irritation occurs and persists, obtain medical attention.
<b>Eye Contact</b> Flush with plenty of water for 15 minutes. Contact physician if irritation persists.
<b>Inhalation</b> Remove to fresh air. If breathing is difficult or if any discomfort persists, obtain medical attention.
<b>Ingestion</b> If tablet is swallowed, drink freely a thin paste of starch or flour (2 tablespoons in water), drink a sodium thiosulfate solution (approx. ½ tsp in water) or chew 7 mg. of Ascorbic Acid (Vitamin C) and drink water. Call a physician.

[ Optional, not required under WHMIS ]

**SECTION 5 – FIRE FIGHTING MEASURES**

Flammable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, under which conditions?
Flashpoint (°C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)	
Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact	Explosion Data – Sensitivity to Static Discharge	
Hazardous Combustion Products			
[NFPA]			

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Leak and Spill Procedures
Neutralize with 10% solution of sodium thiosulfate and dispose of as convenient.

**SECTION 7 – HANDLING AND STORAGE**

Handling Procedures and Equipment
Keep bottle tightly closed. Store in dry area away from extreme heat.
Storage Requirements
Most effective when stored under controlled room temperatures between 60° and 86°F. Avoid exposure to heat, humidity and moisture.

**SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure Limits	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process)			
Personal Protective Equipment			
<input type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input type="checkbox"/> Eye	<input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type			
No protective equipment required under normal use. Comments: Avoid over-exposure.			

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Physical State A bi-convex, compressed tablet	Odour and Appearance Grey color with minimal tan specks	Odour Threshold (ppm)
Specific Gravity	Vapour Density (air=1)	Vapour Pressure (mmHg)
Evaporation Rate	Boiling Point (°C)	Freezing Point (°C)
pH	Coefficient of Water/Oil Distribution	[Solubility in Water] Completely soluble

**SECTION 10 – STABILITY AND REACTIVITY**

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions? Stable in dry, cool conditions
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizers, acids and bases, acetylene or concentrated ammonia.
Conditions to avoid: High humidity, elevated temperatures.	
Reactivity, and under what conditions?	
Hazardous Decomposition Products	

**SECTION 11– TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure	
Systemic & Other Effects: May cause insomnia, conjunctivitis, inflammation of the nasal mucous, bronchitis, tremor, rapid heart beat, diarrhea and weight loss. Allergic sensitization can occur.	
Effects of Chronic Exposure	
Medical Conditions Aggravated by Exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function, or disease of the thyroid, lungs, or kidney may be more susceptible to the substance.	
Irritancy of Product May cause insomnia, conjunctivitis, inflammation of the nasal mucus, bronchitis, tremor, rapid heart beat	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity – IARC	Carcinogenicity – ACGIH
Reproductive Toxicity	Teratogenicity
Embryotoxicity	Mutagenicity
Name of Synergistic Products/Effects	

**SECTION 12 – ECOLOGICAL INFORMATION**

[Aquatic Toxicity]

**SECTION 13 – DISPOSAL CONSIDERATIONS**

Waste Disposal

If waste cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental

Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**SECTION 14 – TRANSPORT INFORMATION**

Special Shipping Information

PIN

TDG

[DOT]

[IMO]

[ICAO]

**SECTION 15 – REGULATORY INFORMATION**

[WHMIS Classification]

[OSHA]

[SERA]

[TSCA]

*This product has been classified in accordance with the hazard criteria of the  
Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.*

**SECTION 16 – OTHER INFORMATION**

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is only to describe the product. The data does not signify any warranty with regard to the products' properties.