

# MATERIAL SAFETY DATA SHEET – 16 Sections

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #0640 Rinse-Free			[WHMIS Classification]	
Product Use Hand Sanitizer				
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 1, 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)
Benzalkonium chloride	0.15	8001-54-5		
extracts of aloe				
DMDM hydantoin		6440-58-0		
Chamomile and lavender				
purified water				

## 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
[Emergency Overview] Physical State: Liquid    Type of Hazard: None known
[WHMIS Symbols]
[Potential Health Effects] May be irritating to skin and eyes. Ingestion: May cause gastrointestinal irritation and diarrhea.
Chronic Health Effects: None known.
Medical Conditions Recognized as Being Aggravated By Exposure: Pre-existing conditions.
No substance within this mixture has been listed by NTP, IARC or OSHA as a carcinogen or possible carcinogen.

## SECTION 4 – FIRST AID MEASURES

Skin Contact Remove contaminated clothing. Wash affected area with copious amounts of water for at least 15 minutes. If irritation continues, contact a physician.
Eye Contact Flush eyes with copious amounts of water for at least 15 minutes. If irritation continues, contact a physician.
Inhalation Remove to fresh air environment. If irritation continues, contact a physician.
Ingestion Do not induce vomiting. Give copious amounts of water to dilute. If irritation continues, contact a physician.

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**SECTION 5 – FIRE FIGHTING MEASURES**

Flammable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, under which conditions?
Extinguishing Media Foam, carbon dioxide or dry chemical.			
Flashpoint (°C) and Method Above 200°F	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)	
Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact None known	Explosion Data – Sensitivity to Static Discharge	
Hazardous Combustion Products None known			
[NFPA]			

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Leak and Spill Procedures Contain spilled material. Avoid open flames or other sources of ignition. Avoid inhalation of vapors. In confined poorly ventilated areas use of NIOSH-approved respiratory protection may be required. Cover with inert non-combustible absorbent material and remove to an approved disposal container. Dispose of in accordance with local, state and federal regulations.
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**SECTION 7 – HANDLING AND STORAGE**

Handling Procedures and Equipment Contain spilled material. Avoid open flames or other sources of ignition. Avoid inhalation of vapors. In confined, poorly ventilated areas use of NIOSH-approved respiratory protection may be required.
Storage Requirements It is recommended that this material be stored in a cool, well-ventilated area.

**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 checked="" type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye
	<input type="checkbox"/> Footwear	<input checked="" type="checkbox"/> Clothing	<input type="checkbox"/> Other
If checked, please specify type			

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Odour and Appearance	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]

**SECTION 10 – STABILITY AND REACTIVITY**

Chemical Stability <input type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones?
Reactivity, and under what conditions?	
Hazardous Decomposition Products	

**SECTION 11- TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure	
Effects of Chronic Exposure	
Irritancy of Product	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity – IARC	Carcinogenicity – ACGIH
Reproductive Toxicity	Teratogenicity
Embryotoxicity	Mutagenicity

**SECTION 12 - ECOLOGICAL INFORMATION**

[Aquatic Toxicity]

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Waste Disposal

**SECTION 14 - TRANSPORT INFORMATION**

Special Shipping Information

Applicable labeling Regulations: 21 CFR 201 Consumer Commodity

EPA Hazard Class: Not applicable.

PIN

TDG

[DOT]

This material is not regulated by DOT.

[IMO]

[ICAO]

**SECTION 15 - REGULATORY INFORMATION**

[WHMIS Classification]

[OSHA]

[SERA]

Title III Section 13: Toxic Chemical: Not applicable

[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.