

# MATERIAL SAFETY DATA SHEET - 16 Sections

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>#9075 Citronella Candle, #9806 Citronella Tub Candle</b>			[WHMIS Classification]	
Product Use				
Manufacturer's Name		Supplier's Name <b>Coghlan's Ltd.</b>		
Street Address		Street Address <b>121 Irene Street</b>		
City	Province	City <b>Winnipeg</b>	Province <b>Manitoba</b>	
Postal Code	Emergency Telephone	Postal Code <b>R3T 4C7</b>	Emergency Telephone <b>1-877-264-4526</b>	
Date MSDS Revised <b>February 01, 2012</b>	MSDS Prepared By		Phone Number <b>(204)284-9550</b>	

## 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)
No hazardous components present				
Chemical identity: Petroleum Hydrocarbon Wax				
Chemical Formula: Aliphatic Hydrocarbons				
Citronella Fragrance: Terpenes, Aldehydes, Essential				
Oils, Alcohols				

## SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Skin Contact	Skin Absorption	Eye Contact	Inhalation	Ingestion
[Emergency Overview] Will cause burns if molten product contacts skin. Liquid may be irritating to skin and eyes.					
[WHMIS Symbols]					
[Potential Health Effects]					

## SECTION 4 - FIRST AID MEASURES

<b>Skin Contact</b> Remove contaminated clothing. Wash affected areas with mild soap and water. If irritation occurs, consult physician. If burned by molten material, cool immediately. Do not remove product if adhered to skin. See a physician.
<b>Eye Contact</b> Flush immediately with copious amount of water for at least 15 minutes.
<b>Inhalation</b> Avoid gross inhalation of fumes. Remove person to fresh air. Contact physician if necessary.
<b>Ingestion</b> May cause vomiting. Obtain medical attention immediately.

[ Optional, not required under WHMIS ]

## SECTION 5 – FIRE FIGHTING MEASURES

Flammable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, under which conditions? When ignited. Will support a flame only above the flash point.	
Means of Extinction Use foam, dry chemical, or carbon dioxide. Spray media directly into base of flames. Firefighters should wear positive pressure self-contained breathing apparatus.				
Flashpoint (°C) and Method	Upper Flammable Limit (% by volume)		Lower Flammable Limit (% by volume)	
67°C closed cup				
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
Solids: Sweep up and remove to an approved disposal container. Liquids: Eliminate all source of ignition. Ventilate the area. Prevent liquid from entering the sewers. Remove the spilled liquid with pump or absorb with sand, filter aid or other suitable absorbent material.

## SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment
Local exhaust or hood recommended (for molten material).
Storage Requirements
For long-term storage, keep in aluminum containers or as shipped.

## 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 checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye	<input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Protective gloves preferred if handling molten material. Wear chemical goggles.			

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Characteristic/Pale yellow to yellow	Odour Threshold (ppm)
Specific Gravity (H <sub>2</sub> O = 1) @25°C 0.856 (typical)	Vapour Density (air=1)	Vapour Pressure (mmHg)
Evaporation Rate	Boiling Point (°C) >35°C	Freezing Point (°C)
pH	Coefficient of Water/Oil Distribution	[Solubility in Water] Insoluble

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?
Avoid contact with sparks, flame and heat. Avoid contact with strong oxidizers and avoid hot work and sources of ignition on or near empty containers.	
Reactivity, and under what conditions?	
Hazardous Decomposition Products	

SECTION 11- TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Lightheaded feeling if inhaled (in extreme cases). Burned or reddened skin if molten material contact. If ingested, may cause nausea or vomiting.	
Effects of Chronic Exposure	
Irritancy of Product Liquid may be irritating to skin and eyes.	
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 Dispose of in approved incinerator or disposal facility. Follow local, state/provincial and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information	
	PIN
TDG	[DOT]
[IMO]	[ICAO]

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification]	[OSHA]
[SERA]	[TSCA]
<i>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.</i>	

SECTION 16 - OTHER INFORMATION

<p>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.</p>