

# MATERIAL SAFETY DATA SHEET – 16 Sections

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #9075 Citronella Candle, #9806 Citronella Tub Candle			[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)
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"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> 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

Skin Contact	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.
Eye Contact	Flush immediately with copious amount of water for at least 15 minutes.
Inhalation	Avoid gross inhalation of fumes. Remove person to fresh air. Contact physician if necessary.
Ingestion	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 67°C closed cup	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 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.
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**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]

*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.