

# MATERIAL SAFETY DATA SHEET - 16 Sections

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>#8674 &amp; #7615 Long Burning Emergency Candles (Petroleum Hydrocarbon)</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 1, 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)
Paraffin Wax	60-100	8002-74-2		
Alkenes, C>10 a-, polymerized	0.5-1.5			

## 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 type="checkbox"/> Ingestion
Emergency Overview Products are solid at ambient conditions and are expected to be non-hazardous
Potential Health Effects <b>Eyes:</b> Mildly irritating to eyes. <b>Skin:</b> Not expected to cause irritation. <b>Inhalation:</b> Not significant route of entry. <b>Ingestion:</b> Not a significant route of entry, however, material is considered non-toxic and not expected to be harmful if swallowed.
<b>Additional Remarks:</b> Products heated above the material softening point will liquefy and flow. At elevated temperatures much higher than the softening point, the material will cause thermal burns when in contact with the eyes and skin. Inhalation of fumes can cause respiratory discomfort and possible irritation.

## SECTION 4 - FIRST AID MEASURES

<b>Skin Contact</b> Wash with soap and water. If skin irritation occurs seek medical assistance.
<b>Eye Contact</b> Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical assistance.
<b>Inhalation</b> Remove individual to fresh air. If breathing is irregular or stopped, call for medical assistance immediately.
<b>Ingestion</b> Material is not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Consult a medical professional.
<b>Additional Remarks</b> For contact on skin with molten product, immediately apply cold water for 15 minutes. DO NOT attempt to remove any material attached to the skin including clothing. Seek medical attention immediately. Eye contact with fumes can cause irritation and eye contact with molten product can cause thermal burns. Flush eyes with cold water for at least 15 minutes and seek medical attention immediately. If fumes are inhaled from molten material, remove individual to a well-ventilated area and contract medical assistance if respiratory symptoms persist.

## SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Method Used Cleveland Open Cup	
Extinguishing Media		
Flashpoint (°C) and Method >175°C (>347°F)	Upper Flammable Limit (% by volume) 7.0	Lower Flammable Limit (% by volume) 0.9
Auto ignition Temperature (°C) Not established	Unusual Fire & Explosion Hazards None known	Hazardous Combustion Products CO <sub>1</sub> , CO <sub>2</sub>
Extinguishing Media Use water fog, foam, dry chemical or CO <sub>2</sub> extinguisher. Do not use direct water stream. Material must be heated before ignition will occur. Use water to keep product cool.		
Hazard Classification HMIS Flammability: 1 / NFPA Flammability: 1		

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions Consult Hazards Identification in Section 3, Exposure Control/Personal Protection info in Section 8, Flammability in Section 5 and Stability and Reactivity info in Section 10. Eliminate any sources of ignition.
Environmental Precautions Avoid dispersal of released material to soil, waterways, drains and sewers.
Clean Up Product at ambient conditions can be handled with appropriate personal precautions. Scoop up spilled materials and place in an appropriate container for disposal according to local, provincial/state and federal regulations. Molten material should be diked or impounded and allowed to cool before handling and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment Store product upright in a cool dry place, above 0°C, away from sources of ignition.
---

## 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) Not established. No special ventilation requirements necessary during normal use of product. Respiratory protection is not necessary during normal use of product.
Protection Eye and Skin protection is not necessary during normal use of product. Wash hands with soap and water after handling product and before eating, smoking and using the lavatory.
Exposure Guidelines OSHA Status: Non-hazardous substance
ACGIH TLV-TWA: 2 mg/m <sup>3</sup> (8 -hour) for wax fumes
ACGIH TLV STEL: Not established
ACGIH TLV CEILING: Not established

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid at ambient conditions	Odour and Appearance Mild hydrocarbon odour, various shapes, sizes, colours	Odour Threshold (ppm)
Specific Gravity 0.90-0.93 @ 25°C	Vapour Density (air=1) Not applicable	Vapour Pressure (mmHg) Not applicable
Viscosity Not established	Boiling Point (°C) >300°C	Freezing Point (°C) Not applicable
pH Not applicable	Melting Point 54-60°C (129-140°F)	Solubility in Water Negligible

## SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Conditions of Instability None known	Incompatibility with Various Substances Reactive with oxidizing agents, avoid sources of ignition
Hazardous Decomposition or By-Products May release CO, CO <sub>2</sub> , smoke and irritating vapours when heated to decomposition	
Hazardous Polymerization Will not occur	

## SECTION 11- TOXICOLOGICAL INFORMATION

Test	Result	Route	Species
LD <sub>50</sub>	≤5000 mg/Kg	Oral	Rat
LC <sub>50</sub>	Not available		
Specific Effects <b>Carcinogenic Effects:</b> Not listed as a carcinogen by OSHA			
<b>Mutagenic Effects:</b> Not established			
<b>Teratogenicity/Reproductive Toxicity:</b> Not established			

## SECTION 12 – ECOLOGICAL INFORMATION

## Environmental Precautions

No known significant effects or critical hazards

## Biogradability

Not established

## SECTION 13 – DISPOSAL CONSIDERATIONS

## Waste Disposal

Disposal of this product should comply with all local, provincial/state and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

## TDG

Not regulated

## DOT

Not regulated

## IATA

Not regulated

## IMDG

Not regulated

## SECTION 15 – REGULATORY INFORMATION

## Canadian WHMIS Classification

Not controlled under WHMIS

## DSL

Listed

## US Federal Regulations

**OSHA Hazardous Chemicals:** None according to 29 CFR 1910.1200**TSCA Inventory Listing:** The materials used in this product appear on or are exempted from listing on the US Toxic Substances Control Act Inventory.**CERCLA Reportable Quantity:** This material is not reportable under 40 CFR Part 302.4**SARA 311/312 Hazard Categories:** Not applicable**SARA 313 Reportable Ingredients:** None

## European Union Regulations

**Classification according to directive 67/548/EEC:** Xn : Harmful

R65 : Harmful, may cause lung damage if swallowed

**EC Inventory (EINECS):** Listed

## International Regulations

**Australian Inventory (AICS):** Listed**China Inventory (IECS):** Listed**Japan Inventory (ENCS):** Listed**Korea Inventory (ECL):** Listed**Philippine Inventory (PICCS):** Listed

## SECTION 16 – OTHER INFORMATION

## Fire Safety Labeling Information

**Warning:** Burn within sight. Keep away from things that catch fire. Keep away from children. Do not place foreign materials into or on candle or flame. Do not move candle while burning. Smother flames only.**Instructions:** Remove and discard all wrappings and labels before lighting. Trim wick to ¼ inch before lighting. Only burn candles on a heat-resistant surface. Use an appropriate container, holder or plate when burning candles.

Every reasonable effort was made to ensure the accurate presentation of MSDS data provided by sources we believe reliable, it is understood that we make no warranty as to the accuracy or completeness of such information and assume no liability for any damages or loss suffered as a result of any inaccuracy or incompleteness therein. Further, it is the user's obligation to utilize this product in full compliance with all health, safety and environmental regulations.