

# MATERIAL SAFETY DATA SHEET - 16 Sections

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>#8647 Tinder Kit, #8649 Tinder</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)
Microcrystalline wax	60-100	63231-60-7		

## SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry	<input 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]					
[WHMIS Symbols]					
[Potential Health Effects] For skin contact with the hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate the heat. Cover the affected area with sheeting or gauze and get immediate medical attention. No attempt should be made to remove material from the skin or to remove contaminated clothing as the damaged flesh can be easily torn. For eye contact with hot product, immediately flush with large amount of cold water to dissipate heat. Get medical attention.					

## SECTION 4 - FIRST AID MEASURES

<b>Skin Contact</b> Remove and launder or clean contaminated clothing and shoes. Wash with soap and water for at least 15 minutes or until no evidence of material remains. Get medical attention if irritation occurs.
<b>Eye Contact</b> Flush eyes with plenty of water for 15 minutes, occasionally lifting upper and lower eyelids. Get medical attention immediately.
<b>Inhalation</b> Remove to fresh air. Oxygen may be administered if breathing is difficult. If not breathing, administer artificial respiration and seek medical attention. Get medical attention if symptoms appear.
<b>Ingestion</b> If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never induce vomiting or give anything by mouth to a victim who is unconscious or having convulsions. Get medical attention if symptoms appear.

[ 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?
Means of Extinction Use foam, dry chemical, or CO2 fire extinguishers. Evacuate area and fight fire from a safe distance. Water spray may be used to keep fire-exposed containers cool. Keep water run off out of sewers and public waterways.			
Flashpoint (°C) and Method	Upper Flammable Limit (% by volume)		Lower Flammable Limit (% by volume)
>210°C(410°F) Open cup			
Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact		Explosion Data – Sensitivity to Static Discharge
Hazardous Combustion Products Carbon oxides (CO, CO <sub>2</sub> )			
[NFPA]			

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Spilled material can produce a slippery hazard. If walked on it will put a waxed finish on the floor and if mixed with water the spilled material makes the walking surface very slippery. Wash down area thoroughly with water after using a sweeping compound to pick up residue.

## SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment
Avoid contact with eyes, skin and clothing. Avoid breathing vapors or dusts.
Storage Requirements
Store in a dry, cool and well ventilated area. Keep away from incompatibles. Keep container tightly closed and dry.

## 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)			
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors or particles below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.			
Personal Protective Equipment			
<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye	<input checked="" type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type			
Wear chemical resistant safety goggles, gloves and boots and long sleeves to prevent repeated or prolonged contact. In poorly ventilated areas or if exposure levels are exceeded, use of a full face respirator is recommended.			

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State <b>Solid</b>	Odour and Appearance <b>White, no odor</b>	Odour Threshold (ppm)
Specific Gravity <b>0.85 – 0.95 @ 25°C (77°F)</b>	Vapour Density (air=1) <b>&gt;1</b>	Vapour Pressure (mmHg) <b>&lt;0.004</b>
Evaporation Rate	Boiling Point (°C)	Freezing Point (°C) <b>73.9 to 79.44°C (165 to 175°F)</b>
pH	Coefficient of Water/Oil Distribution	[Solubility in Water] <b>Insoluble</b>

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? <b>Oxidizing material.</b>
Reactivity, and under what conditions?	
Hazardous Decomposition Products	

SECTION 11- TOXICOLOGICAL INFORMATION

Effects of Acute Exposure <b>Exposure to this product may aggravate medical conditions involving the respiratory tract and eyes.</b>	
Effects of Chronic Exposure	
Irritancy of Product	
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 any waste material in accordance with all applicable federal, state and local regulations. Note that these regulations may also apply to empty containers, liners and rinsate.

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.