

MATERIAL SAFETY DATA SHEET – 16 Sections

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #8880 Air Stop		[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 ₅₀ of Ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
Tetrahydrofuran		109-99-9		
*Methyl Ethyl Ketone		78-93-3		
Cyclohexanone		108-94-1		
*This chemical is subject to reporting requirements				
of SARA Title III Section 313.				

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]										
[WHMIS Symbols]										
[Potential Health Effects] Breathing: Dizziness, headache, nausea; Skin: Irritation, defatting; Eyes: Irritation, redness										
Ingestion: accidental										

SECTION 4 – FIRST AID MEASURES

Skin Contact Flush with water. Remove contaminated clothing.
Eye Contact Flush repeatedly with water.
Inhalation Remove to fresh air.
Ingestion Do not induce vomiting. Get medical attention

[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? Exposure to sources of ignition.	
Means of Extinction Dry chemical or carbon dioxide or foam. Direct extinguisher at base of flames.				
Flashpoint (°C) and Method -5°C (TCC)	Upper Flammable Limit (% by volume) 12%		Lower Flammable Limit (% by volume) 2%	
Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact		Explosion Data – Sensitivity to Static Discharge	
Hazardous Combustion Products Carbon dioxide, carbon monoxide, various hydrocarbons.				
[NFPA] 2-3-1				

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Eliminate ignition sources, flames, pilot lights and turn off electric motors. Absorb liquid on rags or paper towels and remove to outdoors. Ventilate area.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment
Avoid contact with skin, eyes and inhalation of vapor. Do not use near heat, sparks or flame.
Storage Requirements
Store in a cool area away from pilot lights and ignition sources. Keep container closed when not in use.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="text" value="200"/> ACGIH TLV	<input type="text" value="200"/> OSHA PEL	<input type="text"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process)			
Use NIOSH approved respirator if TLV exposure limits are exceeded. Open doors and windows and use only in a well ventilated area. Use mechanical exhaust if necessary to maintain exposure below TLV.			
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			
Gloves – Use rubber gloves. Eyes – Wear glasses or safety goggles.			

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Semi transparent, Ether-like odor	Odour Threshold (ppm)
Specific Gravity 0.91	Vapour Density (air=1) 2.5	Vapour Pressure (mmHg) 143
Evaporation Rate (Butyl Acetate = 1) 8	Boiling Point (°C) 66°C	Freezing Point (°C)
pH	Coefficient of Water/Oil Distribution	[Solubility in Water] Nil

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? Strong oxidizing agents.
Reactivity, and under what conditions?	
Hazardous Decomposition Products Carbon dioxide, carbon monoxide, hydrogen chloride.	

SECTION 11– TOXICOLOGICAL INFORMATION

Effects of Acute and Chronic Exposure Breathing – Excessive inhalation can cause nasal and respiratory irritation and central nervous system effects. Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. Eyes – causes irritation, burns if not removed. Chronic overexposure has apparently been found to cause the following effects in lab animals: liver abnormalities, kidney, lung, and brain damage.	
Irritancy of Product	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity – IARC No	Carcinogenicity – ACGIH No
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 accordance with local, state and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Special Shipping Information

UN: 1133, Grp. III, Hazard Class: 3

Only need ORM – Consumer Commodity sticker

PIN

TDG

[DOT]

No air, non regulated ground

[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.