## **CANADIAN CUSTOM PACKAGING**

333 RIMROCK ROAD TORONTO, ONTARIO M3J 3J9 (416) 638-1111



PRODUCT: ISOPROPYL ALCOHOL 99%

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Product Name:	ISOPROPYL ALCOHOL 99%
Revision Date:	May 3, 2005
Prepared By:	Regulatory Affairs
Manufacturer:	Canadian Custom Packaging
Emergency Phone #:	(416) 638-1111

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS		
Component	C.A.S. #	% by weight
ISOPROPYL ALCOHOL	67-63-0	> 99

SECTION 3: HAZARDS IDENTIFICATION		
Routes of Entry - Skin Contact:	YES	
Routes of Entry - Eye Contact:	YES	
Routes of Entry - Inhalation:	YES	
Routes of Entry - Ingestion:	YES	
Effects of chronic exposure:	PROLONGED USE MAY CAUSE SKIN IRRITATION AND DERMATITIS.	

SECTION 4: FIRST AID MEASURES	
Eyes:	FLUSH WITH LARGE AMOUNT OF RUNNING WATER
Skin:	FLUSH WITH LARGE AMOUNT OF RUNNING WATER
Inhalation:	REMOVE TO FRESH AIR AND CONSULT A PHYSICIAN
Ingestion:	N/A
Notes to physician:	IF INHALED, REMOVE TO FRESH AIR AND CONSULT A PHYSICIAN - FLUSH EYES AND SKIN WITH LARGE AMOUNT OF RUNNING WATER

SECTION 5: FIRE FIGHTING MEASURES		
Flash Point (°C):	14°C	
Flash Point Method:	N/A	
Auto ignition temperature (°C):	399°C	
Upper flammable limit % by volume:	12.0	
Lower flammable limit % by volume:	2.0	
Extinguishing Media:	CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG	
Fire Fighting Procedures:	FLAMMABLE, USE WATER TO COOL FIRE EXPOSED CONTAINERS	
Fire and Explosion Hazard:	N/A	
Sensitivity to Mechanical Impact:	N/A	
Sensitivity to Static Discharge:	N/A	
Hazardous Products of Combustion:	VAPOUR FORMS AN EXPLOSIVE MIXTURE WITH AIR BETWEEN UPPER AND LOWER FLAMMABLE LIMITS	

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SECTION 6: ACCIDENTAL RELEASE MEASURES		
	Leak/Spill:	ISSUE WARNING "FLAMMABLE " - ELIMINATE ALL SOURCES OF IGNITION - FLUSH WITH LARGE AMOUNT OF WATER

SECTION 7: HANDLING AND RELEASE MEASURES		
Handling:	KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME	
Storage:	STORE IN COOL, WELL-VENTLATED AREA AWAY FROM HEAT SOURCE	

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
Eyes/Face:	CHEMICAL SAFETY GOGGLES	
Skin:	WEAR IMPERVIOUS PROTECTIVE CLOTHING AND BUTYL RUBBER GLOVES	
Respiratory:	USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPOURS	
Other:	EYE BATH AND SAFETY SHOWER	

SECTION 9: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		
Appearance:	COLOURLESS LIQUID	
Odour:	CHARACTERISTIC ODOUR	
Odour Threshold:	N/A	
Vapour Pressure (MMHG):	>33 (20°C)	
Vapour Density (AIR=1):	2.1	
Evaporation Rate:	1.44	
Boiling Point:	83°C	
Freezing Point:	-86°C – 89°C	
pH:	N/A	
Specific Gravity (water=1):	0.790	
Solubility in water (% w/w):	COMPLETE	

SECTION 10: STABILITY AND REACTIVITY		
Chemical Stability (stable/unstable):	STABLE	
Reacts with:	ALUMINUM AT HIGH TEMPERATURES - AVOID CONTACT WITH STRONG OXIDIZING AGENTS	
Reactivity Conditions:	HIGH TEMPERATURES	
Hazardous Decomposition Products:	CARBON MONOXIDE, CARBON DIOXIDE ARE PRODUCED ON COMBUSTION	
Hazardous Polymerization:	NONE	

SECTION 11: TOXICOLOGICAL INFORMATION		
Oral:	N/A	
Dermal:	N/A	
Inhalation:	N/A	
Reproductive Effects:	NONE	

<b>SECTION 12: ECOLOGICAL INFORM</b>	ATION
Environmental Toxicity Information:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS

SECTION 13: DISPOSAL CONSIDERATIONS	
Waste Disposal:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS

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SECTION 14: TRANSPORT INFORMATION		
UN Number:	1219	
TDG Classification:	3.2	
Packing Group:	II	
Special Shipping Instructions:	SEE TDG CLASSIFICATION	

SECTION 15: REGULATORY INFORMATION	
WHMIS Classification:	B 2

SECTION 16: OTHER INFORMATION	
Reason for revision:	UPDATE

N/A = NOT AVAILABLE/ APPLICABLE