

**CANADIAN CUSTOM PACKAGING**  
 333 RIMROCK ROAD  
 TORONTO, ONTARIO M3J 3J9  
 PHONE: (416) 638-1111 FAX: 416-638-3800



**PRODUCT: HEALTHCARE PLUS 99% ISOPROPYL ALCOHOL USP**

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	HEALTHCARE PLUS 99% ISOPROPYL ALCOHOL USP
Revision Date:	NOVEMBER 13, 2014
Prepared By:	REGULATORY AFFAIRS
Manufacturer:	CANADIAN CUSTOM PACKAGING
Emergency Phone #:	613-996-6666

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component	C.A.S. #	% by weight
ISOPROPYL ALCOHOL	67-63-0	99 -100%

### SECTION 3: HAZARDS IDENTIFICATION

Routes of Entry - Skin Contact:	MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING, CRACKING OR IRRITATION
Routes of Entry - Eye Contact:	CAUSES EYE IRRITATION. SYMPTOMS OF EXPOSURE MAY INCLUDE: A BURNING SENSATION, REDNESS, SWELLING AND BLURRED VISION
Routes of Entry - Inhalation:	HEADACHE, NAUSEA, VOMITING, DIZZINESS, DROWSINESS AND LOSS OF CONSCIOUSNESS MAY OCCUR
Routes of Entry - Ingestion:	ALTHOUGH INGESTION IS UNLIKELY, LIQUID WOULD IRRITATE UPPER DIGESTIVE TRACT IF SWALLOWED. INGESTION OF THIS PRODUCT WOULD CAUSE HEADACHE, DIZZINESS, FATIGUE AND CENTRAL NERVOUS SYSTEM DEPRESSION

### SECTION 4: FIRST AID MEASURES

Eyes:	FLUSH WITH LARGE AMOUNTS OF RUNNING WATER AND CONSULT A PHYSICIAN
Skin:	FLUSH WITH LARGE AMOUNTS OF RUNNING WATER AND CONSULT A PHYSICIAN
Inhalation:	REMOVE TO FRESH AIR AND CONSULT A PHYSICIAN
Ingestion:	DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. SEEK IMMEDIATE MEDICAL ATTENTION
Notes to physician:	NONE

### SECTION 5: FIRE FIGHTING MEASURES

Flash Point (°C):	12 °C (INFO BASED ON RAW MATERIAL MSDS)
Flash Point Method:	ABEL (INFO BASED ON RAW MATERIAL MSDS)
Auto ignition temperature (°C):	N/A
Upper flammable limit % by volume:	N/A
Lower flammable limit % by volume:	N/A
Extinguishing Media:	ALCOHOL FOAM. CARBON DIOXIDE. DRY CHEMICAL
Fire Fighting Procedures:	FIRE FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING, INCLUDING SELF-CONTAINED BREATHING EQUIPMENT
Fire and Explosion Hazard:	CARBON MONOXIDE MAY BE EVOLVED IF INCOMPLETE COMBUSTION OCCURS. VAPORS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS. VAPORS MAY TRAVEL ALONG THE GROUND TO BE IGNITED AT DISTANT LOCATIONS. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS AND STRUCTURES. CLOSED CONTAINERS MAY EXPLODE IN FIRE. ALWAYS STAY AWAY FROM ENDS OF CONTAINERS DUE TO EXPLOSIVE POTENTIAL. DO NOT ALLOW RUNOFF TO ENTER WATERWAYS
Sensitivity to Mechanical Impact:	N/A
Sensitivity to Static Discharge:	ELECTROSTATIC CHARGES MAY BE GENERATED DURING PUMPING. ELECTROSTATIC DISCHARGE MAY CAUSE FIRE
Hazardous Products of Combustion:	OXIDES OF CARBON

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill:	ISSUE WARNING "FLAMMABLE"- ELIMINATE ALL SOURCES OF IGNITION. DO NOT FLUSH AWAY RESIDUES WITH WATER. RETAIN AS CONTAMINATED WASTE. ALLOW RESIDUES TO EVAPORATE OR SOAK UP WITH AN APPROPRIATE ABSORBENT MATERIAL AND DISPOSE OF SAFELY. REMOVE CONTAMINATED SOIL AND DISPOSE OF SAFELY
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#### SECTION 7: HANDLING AND RELEASE MEASURES

Handling:	KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME; AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING
Storage:	STORE IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM HEAT AND IGNITION SOURCES. USE EXPLOSION-PROOF VENTILATION TO PREVENT VAPOUR ACCUMULATION. CAN ATTACK ALUMINUM AT ELEVATED TEMPERATURE. STORE AT AMBIENT TEMPERATURE. KEEP AWAY FROM AEROSOLS, FLAMMABLES, OXIDIZING AGENTS AND CORROSIVES. PLACE AWAY FROM INCOMPATIBLE MATERIALS.

#### 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: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	CLEAR, COLOURLESS LIQUID
Odour:	CHARACTERISTIC ODOUR
Specific Gravity (water=1):	0.783 – 0.787 @ 20°C
Solubility in water (% w/w):	COMPLETE

#### SECTION 10: STABILITY AND REACTIVITY

Chemical Stability (stable/unstable):	STABLE
Materials to Avoid:	STRONG ACIDS. MAY BE CORROSIVE TO LEAD AND ALUMINIUM. STRONG OXIDIZERS. STRONG BASES
Conditions to Avoid:	AVOID ANY SOURCE OF IGNITION
Hazardous Decomposition Products:	CARBON MONOXIDE, CARBON DIOXIDE ARE PRODUCED UPON COMBUSTION
Hazardous Polymerization:	NONE

#### SECTION 11: TOXICOLOGICAL INFORMATION

Oral:	N/A
Dermal:	N/A
Inhalation:	N/A
Reproductive Effects:	N/A

#### SECTION 12: ECOLOGICAL INFORMATION

Environmental Toxicity Information:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS
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#### 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:	B2 FLAMMABLE LIQUIDS; D2B TOXIC MATERIALS
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#### SECTION 16: OTHER INFORMATION

Reason for revision:	UPDATE
THE TECHNICAL INFORMATION SUPPLIED WITH THIS PRODUCT IS GIVEN IN GOOD FAITH BASED ON THE MANUFACTURER'S KNOWLEDGE OF THE PRODUCT AT THE DATE OF SUPPLY. WHILE WE PROVIDE THIS INFORMATION IN GOOD FAITH, IT DOES NOT EXPRESSLY OR IMPLIEDLY WARRANT ITS ACCURACY. THE USER'S ATTENTION IS ALSO DRAWN TO THE RISK WHICH MAY ARISE WHEN THE PRODUCT IS USED FOR PURPOSES OTHER THAN THOSE FOR WHICH IT IS INTENDED.	

N/A = NOT AVAILABLE/ APPLICABLE