

Material Safety Data Sheet

Section 1: Material Identification and Use:

MATERIAL NAME/IDENTIFIER: ONE STEP HAND SANITIZER (ALCOHOL)

MANUFACTURER'S NAME	Belvedere International Inc.	CHEMICAL NAME:	Compounded Product
STREET ADDRESS:	5675 Keaton Crescent	CHEMICAL FAMILY:	Not Applicable
CITY:	Mississauga	CHEMICAL FORMULA:	Not Applicable
PROVINCE:	Ontario	MOLECULAR WEIGHT:	Not Applicable
POSTAL CODE:	L5R 3G3	TRADE NAME:	One Step
EMERGENCY PHONE NO.	(905) 568-0700	MATERIAL USE:	Sanitizer

HAZARDS	
HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	N

Section 2: Hazardous Ingredients:

HAZARDOUS INGREDIENTS	%	UN, NA, CAS NO.	LD-50(SPECIES & ROUTE)	LC-50 (SPECIES & ROUTE)
Ethyl Alcohol	62 %	CAS #64-17-5 UN # 1170	Not Available	Not Available

Section 3: Physical Data:

PHYSICAL STATE:	Viscous Liquid	BOILING POINT:	78.3 °C
COLOUR:	Colourless, Clear	FREEZING POINT:	- 114.1 °C
ODOUR:	Match Standard	% VOLATILES:	60 % - 65 %
SPECIFIC GRAVITY:	0.8850 – 0.8950	VAPOUR PRESSURE:	Not Available
pH:	7.0-8.0	VAPOUR DENSITY (AIR=1)	Not Available
EVAPORATION RATE:	1.7	SOLUBILITY IN WATER (20°C)	Complete

Section 4: Fire and Explosion Data:

FLAMMABILITY:	Flammable	SENSITIVITY TO IMPACT:	None
CONDITIONS OF FLAMMABILITY	Contact with spark or open flame	SENSITIVITY TO STATIC DISCHARGE:	Not Available
METHODS OF EXTINCTION:	Water/Carbon Dioxide Foam	RATE OF BURNING:	Not Available
SPECIAL PROCEDURES:	Keep product away from any source of sparks or open flame	EXPLOSIVE POWER:	Not Available
FLASHPOINT (°C) AND METHOD	21 °C (Tag closed cup, ASTM D-56)		
U.E.L. (% BY VOLUME)	Not Available		
L.E.L. (% BY VOLUME)	Not Available		
AUTO IGNITION TEMP. (°C)	Not Available		
TDG FLAMMABILITY CLASSIFICATION	Not Available		

Section 5: Reactivity Data:

CHEMICAL STABILITY:	Stable
COMPATIBLE WITH OTHER SUBSTANCES:	Yes
REACTIVITY UNDER WHAT CONDITIONS:	Burning
HAZARDOUS DECOMPOSITION PRODUCTS:	Burning can produce carbon monoxide and/or carbon dioxide
NAME UNSTABLE CONDITIONS:	Mixture with oxidizing materials
NAME INCOMPATIBILITIES:	Strong oxidizing materials

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Section 6: Toxicological Properties:

ROUTE OF ENTRY: <u>SKIN CONTACT</u> <u>SKIN ABSORPTION</u> <u>EYE CONTACT</u> <u>INHALATION ACUTE</u> <u>INHALATION CHRONIC</u> <u>INGESTION</u>	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
EFFECTS OF ACUTE EXPOSURE TO THE MATERIAL: None under normal conditions.	
EFFECTS OF CHRONIC EXPOSURE TO THE MATERIAL: None under normal conditions.	
LD-50 OF MATERIAL (ROUTE & SPECIES) Not Available EXPOSURE LIMIT FOR THE MATERIAL Not Available SENSITIZING CAPACITY OF THE MATERIAL None Known REPRODUCTIVE EFFECTS OF THE MATERIAL None Known	LC-50 OF MATERIAL (ROUTE & SPECIES) Not Available IRRITANCY OF THE MATERIAL Concentrated product may cause eye irritation CARCINOGENICITY OF THE MATERIAL None Known SYNERGISTIC MATERIALS None Known

Section 7: Preventive Measures:

PERSONAL PROTECTIVE EQUIPMENT: GLOVES (SPECIFY): RESPIRATOR (SPECIFY): FOOTWEAR (SPECIFY): CLOTHING (SPECIFY): ENGINEERING CONTROLS (SPECIFY): LEAK & SPILLAGE PROCEDURE: WASTE DISPOSAL: HANDLING PROCEDURES & EQUIPMENT: STORAGE REQUIREMENTS SPECIAL SHIPPING INFORMATION (TDG): OTHER INFORMATION:	None required under normal conditions None required under normal conditions None required under normal conditions None required under normal conditions None required under normal conditions Fire-proof and explosion-proof equipment must be used during manufacturing Pick up large spills and transfer to suitable sealed containers Contact local authorities for disposal method Keep the product away from sources of heat, spark or open flame Store between 15°C and 30°C Class 3 Flammable liquid ; Make certain that all shipping containers are properly labeled Do not mix with other chemicals
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Section 8: First Aid Measures:

INHALATION:	Give plenty of fresh air. Call physician if dizziness or any discomfort is observed.
INGESTION:	Give plenty of milk or water. Call Physician
EYE CONTACT:	Flush for 10 minutes with running water. Call physician, if any irritation is present or develops.
SKIN CONTACT:	None required under normal conditions

Section 9: Information Sources Used:

SOURCES:	Raw material suppliers' data sheets.
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Section 10: WHMIS Classification:

WHMIS CLASS: Class B Division 2: Flammable liquid
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Section 11: MSDS Preparation Information:

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