

MATERIAL SAFETY DATA SHEET

Mariner's Choice

Vima-San Hand Sanitizer

SECTION I: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vima-San Hand Sanitizer **PRODUCT USE:** Alcohol hand sanitizer
MANUFACTURER: Mariner's Choice (CAN) **MANUFACTURER:** Mariner's Choice (USA)
ADDRESS: 26 Voyager Court South **ADDRESS:** 8640 Philips Highway
Toronto, Ontario M9W 5M7 Suite 5
Jacksonville, FL 32256
EMERGENCY : 613 996 6666 (CANUTEC)

SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	UN #	LD50 oral	TLV
Ethyl Alcohol (flammable)	64-17-5	65.0	1170	7060	1000

SECTION III: HAZARDOUS IDENTIFICATION

Emergency Overview: Liquid, light green gel
Route of Entry: Eye, skin contact, ingestion, inhalation
Potential Health Effects:
Eye Contact: Irritant, reversible damage
Skin Contact: No adverse effects
Inhalation: Dizziness, nausea
Ingestion: Dizziness, nausea
Chronic Effects: Effects of overexposure repeated ingestion may cause liver damage
Carcinogenicity:
Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

SECTION IV: FIRST AID MEASURES

Eye Contact: Flush eyes with clean water for 20 minutes.
Skin Contact : If irritation occurs, rinse thoroughly. To prevent dryness, apply moisturizing cream.
Inhalation: Remove victim to fresh air.
Ingestion: Do NOT induce vomiting. Victim should drink large quantities of milk or water.

SECTION V: FIRE FIGHTING MEASURES

Flammability: 3.2
Flash Point deg (C,TCC) : 23°C
Means of Extinction: Use dry chemical, carbon dioxide or foam
Special Fire Hazards: Explosions hazards – vapors form & may be ignited by spark or flame
Hazardous decomposition products: None, yet if burned CO2 produced.

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SECTION VI: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Use paper towel to absorb, dispose with domestic garbage. This product may be rinsed in sink as it contains NO environmentally toxic materials. No NPE compounds.

SECTION VII: HANDLING AND STORAGE

Handling/Storage Requirements: No specific protection required. Store in cool, dry place.

SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: N/A
Eye Protection: Use chemical goggles or full face shield.
Respiratory Protection: Not normally required if good ventilation is maintained.
Other Protective Equipment: N/A
Engineering Controls:

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg C)	85	Specific Gravity (H₂O = 1):	0.885	Evaporation Rate (water=1):	1.2
% Volatile (Wt%):		Solubility in water:	Complete	pH (as supplied):	6.0
Physical State:	Liquid	Viscosity:	Slightly viscous		
Appearance / Odour:	Liquid light green gel/alcohol				

SECTION X: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable
Incompatible Materials: Peroxides, nitric acid
Hazardous Decomposition Products: None, yet if burned CO₂ produced
Conditions to Avoid: Flames, sparks

SECTION XI: TOXICOLOGICAL INFORMATION

Carcinogenicity: None
Tertogenicity: Long term ingestion causes fetal abnormality
Skin: No adverse effects
Mutagens: None
Inhalation: Dizziness, nausea
Effects of overexposure: Repeated ingestion may cause liver damage

SECTION XII: ECOLOGICAL INFORMATION

Biodegradability: Readily biodegradable.

SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of in accordance to all local, provincial/state and federal regulations.

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SECTION XIV: TRANSPORTATION

T.D.G. Classification: Flammable 3.2
D.O.T. Classification:

SECTION XV: REGULATORY INFORMATION

Occupational Health and Safety Regulations:

WHMIS Class: Flammable liquid, eye irritant
OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations

Environmental Regulatory Lists:

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 None of these ingredients are listed.

CERCLA – Section 102 (Reportable Quantity) 40 CFR 302 None of the ingredients are listed

RCRA 40 CFR 261 (Subpart D) None of the ingredients are listed
CLEAN WATER ACT – Section 311 (Reportable Qty) 40 CFR 116: None of these ingredients are listed

CLEAN AIR ACT – Section 312 (List of Hazardous Pollutants) 40 CFR 63 (Subpart C) None of these ingredients are listed

National Pollutant Release Inventory None of these ingredients are listed
Toxic Substances Control Act (TSCA) All ingredients are registered on the Chemical Substances Inventory.
Canadian Domestic Substance List (DSL): All ingredients are registered on the DSL

SECTION XVI: OTHER INFORMATION

Date: October, 2010	Prepared By: Technical Services Group	Telephone: 416 238 3510
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Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST on Montreal, Quebec (514-873-3990).