

# Safety Data Sheet



## Section 1: Identification

- **Product Name :** Venco ClearX Clear Guard and Glass Protector
- **Product Code:** Item #010
- **Recommended Use:** Glass surface protector/coating to repel snow, rain, etc.
- **Manufacturer:** Venco Marine, Inc.  
2012 Hayes St.  
Hollywood, FL 33020  
United States  
1-954-923-0036
- **Emergency Number:** 1-800-225-3924 Chem-Tel

## Section 2: Hazard Identification

As determined by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), and by the Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200 HCS.

- **Classification:** Flammable liquid 3  
Health hazard 1

- **Label Elements:**



- **Hazard Statement:** Highly flammable liquid  
May cause skin irritation  
May cause nasal irritation, dizziness, weakness, nausea, headache and narcotic reaction.  
Contact with eyes will cause irritation
- **Precautionary Statement:** Keep away from eyes  
Keep away from excess heat, sparks, flames  
No smoking
- **Prevention:**
  - **Ventilation:** Provide sufficient ventilation to maintain exposure below TVL. Provide self-contained breathing apparatus if necessary.
  - **Protective Clothing:** Clean, body covering clothing.
  - **Eye Protection:** When working with bulk quantities, chemical work goggles are recommended.

- **Response:**
  - **Leak or Spill:** (Use appropriate safety equipment). Use absorbent material to collect and contain for disposal. Contain large spill, pump into suitable tank or vessel. Wash area with soap/detergent solution and rinse thoroughly with water.
  - **Eye contact:** Flush with abundant amounts of water.
  - **Skin Contact:** Wash with soap and water and apply skin cream/ lubricating ointment or lotion.
  - **Inhalation:** Move to well ventilated area, move to fresh air if dizziness or drowsiness occurs.
  - **Swallowed:** For any emergency, obtain medical attention.
  - **If on Clothes:** Soaked clothing should be changed immediately.
- **Storage/Disposal:** Store in a well-ventilated area at temperatures below 120° F / 48°C and away from ignition source. Emptied containers may retain product residues (vapor, liquid, and/or solid).
- **Other Information:**



### Section 3: Composition/Information on Ingredients

- **Substance and Mixture:**

Hazardous Components			
Chemical Name	Identifier	TLV (Units)	Approx. % (WGT)
Ethyl Alcohol	CAS: 64-17-5	1000 ppm	78%
Monoethyl Sulfate	CAS: 540-82-9	Not Determined	1%
Isopropyl Alcohol	CAS: 67-63-0	400 ppm	12%

### Section 4: First-Aid Measures

- **Description of First Aid Measures**
  - **Eye contact:** Flush with abundant amounts of water for 15 minutes.
  - **Skin Contact:** Wash with soap and water and apply skin cream/ lubricating ointment or lotion.
  - **Inhalation:** Move to well ventilated area, move to fresh air.
  - **Swallowed:** For any emergency, obtain medical attention.
  - **If on Clothes:** Soaked clothing should be changed immediately.
- **Most Important Symptoms:** Skin, eye, nasal irritation. Dizziness, headache, or nausea.
- **Indication of any Immediate Medical Attention and Special Treatment:**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5: Fire-Fighting Measures

- **Extinguishing Media**
  - **Suitable Extinguishing Media:** Use carbon dioxide, dry chemical, or foam. Water Spray for large fires.
  - **Unsuitable Extinguishing Media:** Avoid the use of streaming water, as this may spread the fire.
- **Special Hazards Arising from the Substance or Mixture:**
  - **Unusual Fire and Explosion Hazard:** Keep fire-exposed containers cool with water. Vapors are heavier than air and may travel along the ground; flames, sparks, or other ignition sources at location distant from the material handling point may ignite them.
- **Advice for Firefighters:** Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is recommended by the manufacturer. It may provide little thermal protection. Wear positive pressure breathing apparatus. Move containers from fire area if you can do it without risk. Use water spray to cool containers exposed to fire.

## Section 6: Accidental Release Measures

- **Personal Precautions, Protective Equipment and Emergency Procedures**
  - **Personal Precautions:** Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
  - **Emergency Procedures:** As an immediate precautionary measure, isolate spill or leak for at least 150 feet (50 meters) in all directions. Eliminate all ignition sources (smoking, flares, sparks, or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.
- **Environmental Precautions:** Avoid runoff to waterways and drains.
- **Containment/Clean-up:** All equipment used when handling the product must be grounded. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. A vapor suppressing foam may be used to reduce vapors. LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

## Section 7: Handling and Storage

- **Precautions for Safe Handling:** Keep away from heat and ignition sources – No Smoking. Product can accumulate static charge by flow or agitation. Empty containers retain product residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other ignition sources. They may explode and cause injury or death. Use only with adequate ventilation. Do

not enter confined spaces such as tanks or pits without following proper entry procedures.

## Section 8: Exposure Controls/Personal Protection

- Control Parameters

Exposure Limits/Guidelines				
	Result	ACGIH (TLV)	NIOSH (REL)	OSHA (PEL)
Ethyl Alcohol (64-17-5)	TWAs		1000 ppm (1900mg/m <sup>3</sup> )	1000 ppm (1900mg/m <sup>3</sup> )
	STELs	1000 ppm (1880 mg/m <sup>3</sup> )		
Isopropyl Alcohol (67-63-0)	TWAs	200 ppm (491 mg/m <sup>3</sup> )	400 ppm (980 mg/m <sup>3</sup> )	400 ppm (980 mg/m <sup>3</sup> )
	STELs	400 ppm (984 mg/m <sup>3</sup> )	500 ppm (491 mg/m <sup>3</sup> )	500 ppm (1225 mg/m <sup>3</sup> )

- Exposure Controls

- Engineering Measures/Controls: Adequate ventilation system as needed to control concentration of airborne contaminants below exposure limit values.

- Personal Protective Equipment Pictograms:



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- **Respiratory:** In case of insufficient ventilation, wear suitable respiratory equipment.
        - **Skin/Body:** Where extensive dermal exposure may be expected, chemical apron will be needed.
        - **Hands:** Wear protective gloves -neoprene, butyl or nitrile rubber with cuffs.
        - **Eye/Face:** Wear safety goggles.

- General Industrial Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Safety shower and eye wash should be available close to work areas.
          - Environmental Exposure Controls: Follow best practice for site management and disposal of waste. Avoid release into the environment.

### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational safety and Health

OSHA = Occupational safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

STEL = Short Term Exposure Limits are based on 15-minute exposures

## Section 9: Physical and Chemical Properties

- Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance	Clear flammable liquid.
Color	Clear	Odor	Alcohol
Flash Point	66°F	Vapor Pressure	44 mmHg
Odor Threshold	Not tested	Vapor Density	>1
pH	Not tested	Relative Density	.80
Melting Point	N/A	Freezing Point	-173°F
Solubility	Soluble in water at 77°F	Boiling Point	173°F
Evaporation Rate	1.5	Flammability	Liquid, gas
Octanol/Water Partition coefficient	N/A	Auto-ignition temperature	N/A
Decomposition temperature	N/A	Viscosity	N/A

## Section 10: Stability and Reactivity

- Reactivity:** No dangerous reaction known under conditions of normal use.
- Chemical Stability:** Stable under normal temperatures and conditions.
- Possibility of hazardous reactions:** Toxic gases may be produced.
- Conditions to Avoid:** High temperatures, sparks, open flames, and live electrical outlets.
- Incompatible Materials:** Strong oxidizing materials, aldehydes, halogens, and concentrated minerals acids.
- Hazardous Decomposition Products:** Terminal decomposition or burning may produce carbon mono/dioxides and/or silicon oxides.

## Section 11: Toxicology Information

- Not Determined

Chemicals are listed in the National Toxicology Program Report on Carcinogens.

## Section 12: Ecological Information

- Organic - Biodegradable

### Section 13: Disposal Consideration

- **Waste Treatment Methods**
  - **Product Waste:** Dispose of content and/or container in accordance with the local, regional, national, and/or international regulations.
  - **Packaging Waste:** Dispose of content and/or container in accordance with the local, regional, national, and/or international regulations.

### Section 14: Transport Information

	UN Number	UN Proper Shipping Name	Transport Hazard Class	Packing Group	Environmental Hazard
<b>DOT</b>	UN1993	Flammable liquids, n.o.s.	3	II	NDA
<b>IMO/IMDG</b>	UN1993	FLAMMABLE LIQUIDS, N.O.S.	3	II	NDA
<b>IATA/ICAO</b>	UN1993	Flammable liquids, n.o.s.	3	II	NDA

This product is delivered in containers 1 liter or less in accordance to DOT Consumer Commodity, Orm-d.

NDA = No Data Available

### Section 15: Regulatory Information

N/A

### Section 16: Other Information

- **Last Revision Date:** May 31, 2017
- **Disclaimer/Statement of Liability:** The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of that the information is correct. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.