



SAFETY DATA SHEET  
**Myst-X Alcohol Antiseptic 80% Topical Solution**  
**Hand Sanitizer Non-Sterile Solution**

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**SECTION 1: IDENTIFICATION**

Product name	:	Myst-X Alcohol Antiseptic 80% Topical Solution Hand Sanitizer Non-Sterile Solution
Recommended use	:	Hand Sanitizer
Restrictions for use	:	This is a personal care product that is safe for consumers and other users under normal and reasonably foreseeable use.
Company	:	Sunless Inc. 8909 South Freeway Drive Macedonia, OH 44056 1 (440) 528-0199
Emergency Contact	:	1-800-424-9300 CHEMTREC
Issuing date	:	03/25/2020

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**SECTION 2: HAZARDOUS IDENTIFICATION**

**GHS Classification**

Flammable Liquids	:	Category 3
Eye Irritant	:	Category 2A

**GHS Label element**

Hazard pictograms	:	
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Signal Word	:	Warning
Hazard Statements	:	Flammable liquid and vapor. Causes serious eye irritation.



SAFETY DATA SHEET  
**Myst-X Alcohol Antiseptic 80% Topical Solution**  
**Hand Sanitizer Non-Sterile Solution**

**Precautionary Statements** : **Prevention:**  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed.  
**Response:**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
**Storage:**  
Store in a well-ventilated place. Keep cool.  
**Disposal:**  
Dispose of contents/ container to an approved waste disposal plant.

**Other hazards** : None known.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

**Hazardous ingredients**

Chemical Name	CAS No.	Concentration (%)
Ethanol	64-17-5	75-82

**SECTION 4: FIRST AID MEASURES**

In case of eye contact : Rinse with water.

In case of skin contact : Rinse with water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to physician : Treat symptomatically.



SAFETY DATA SHEET  
**Myst-X Alcohol Antiseptic 80% Topical Solution**  
**Hand Sanitizer Non-Sterile Solution**

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**SECTION 5: FIRE-FIGHTING MEASURES**

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire Fighting	:	Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Hazardous combustion products	:	Carbon oxides
Special protective equipment for fire-fighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment emergency procedures	:	Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

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**SECTION 7: HANDLING AND STORAGE**

Advice on safe handling	:	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.
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**Hand Sanitizer Non-Sterile Solution**

Conditions for safe storage : Keep away from heat and sources of ignition. Keep in cool, well ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed.

Storage temperature : 0 °C to 35 °C

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Ingredients	CAS No.	Form of exposure	Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	OSHA Z1

Engineering measures : Good general ventilation should be sufficient to control worker to control worker exposure to contaminants.

### Personal protective equipment

Eye protection : No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : No specific measures identified.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Color : Clear, colorless

Odor : Alcoholic



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**Myst-X Alcohol Antiseptic 80% Topical Solution**  
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Odor Threshold	:	No data available
pH	:	6.5 – 8.5
Melting point / freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash Point	:	23 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Lower explosive limit	:	No data available
Upper explosive limit	:	No data available
Vapor pressure	:	No data available
Vapor density	:	No data available
Density	:	0.85 g/cm <sup>3</sup>
Solubility in water	:	Soluble
Partition coefficient n-octanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

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**SECTION 10: STABILITY AND REACTIVITY**



SAFETY DATA SHEET  
**Myst-X Alcohol Antiseptic 80% Topical Solution**  
**Hand Sanitizer Non-Sterile Solution**

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Reactivity	:	Not classified as reactive hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Vapors may form explosive mixture with air. Flammable liquid.
Conditions to avoid	:	Heat, flame and sparks.
Incompatible materials	:	None known
Hazardous decomposition Products	:	Carbon oxides

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**SECTION 11: TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact
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**Potential Health Effects**

Eyes	:	Causes serious eye irritation.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

**Experience with human exposure**

Eye contact	:	Redness, Pain, Irritation
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

**Toxicity**

Acute oral toxicity	:	Acute toxicity estimate > 5,000 mg/kg
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Acute inhalation toxicity	:	No data available
Acute dermal toxicity	:	No data available
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	No data available
Respiratory or skin sensitization	:	No data available
Carcinogenicity		
IARC		No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA		No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP		No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive effects	:	No data available
Germ cell mutagenicity	:	No data available
Teratogenicity	:	No data available
STOT-single exposure	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT-repeated exposure	:	No data available
Aspiration toxicity	:	No data available

**Ingredients**

Acute inhalation toxicity	:	Ethanol 4 h LC50 rat: 124.7 mg/l
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**Ingredients**

Acute dermal toxicity	:	Ethanol LD50 rabbit: 15,800 mg/kg
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**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

Environmental Effects : Harmful to aquatic life.

**Product**

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

**Ingredients**

Toxicity to fish : ethanol  
96 h LC50 Fish: 11,000 mg/l

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Other adverse effects**

no data available

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**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal methods : The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re use empty containers.





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**Myst-X Alcohol Antiseptic 80% Topical Solution**  
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RCRA - Resource Conservation : D001 (Ignitable)  
and Recovery Authorization  
Act Hazardous waste

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**SECTION 14: TRANSPORT INFORMATION**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (DOT)**

UN number : 1170  
Description of the goods : Ethanol solutions  
Class : 3  
Packing group : III  
Environmentally hazardous : no

**Sea transport (IMDG/IMO)**

UN number : 1170  
Description of the goods : Ethanol solutions  
Class : 3  
Packing group : III  
Marine pollutant : no

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**SECTION 15: REGULATORY INFORMATION**

**EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Fire Hazard  
Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.



SAFETY DATA SHEET  
**Myst-X Alcohol Antiseptic 80% Topical Solution**  
**Hand Sanitizer Non-Sterile Solution**

---

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**The ingredients of this product are reported in the following inventories:**

**1907/2006 (EU) :**

Not determined

**Switzerland. New notified substances and declared preparations:**

Not determined

**United States TSCA Inventory:**

On TSCA Inventory

**Canadian Domestic Substances List (DSL):**

This product contains one or several components that are not on the Canadian DSL nor NDSL.

**Australia Inventory of Chemical Substances (AICS):**

Not determined

**New Zealand. Inventory of Chemical Substances:**

Not determined

**Japan. ENCS - Existing and New Chemical Substances Inventory:**

Not determined

**Japan. ISHL - Inventory of Chemical Substances (METI):**

Not determined

**Korea. Korean Existing Chemicals Inventory (KECI):**

Not determined

**Philippines Inventory of Chemicals and Chemical Substances (PICCS):**

Not determined

**China. Inventory of Existing Chemical Substances in China (IECSC):**

Not determined

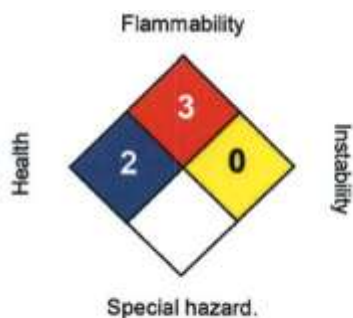


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**Myst-X Alcohol Antiseptic 80% Topical Solution**  
**Hand Sanitizer Non-Sterile Solution**

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**SECTION 16: OTHER INFORMATION**

**NFPA:**



**HMIS III:**

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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