



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

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

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classification

Flammable Liquids : Category 3
Eye Irritant : Category 2A

GHS Label element

Hazard pictograms :



Signal Word : Warning

Hazard Statements : Flammable liquid and vapor.
Causes serious eye irritation.



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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.



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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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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 ³ | NIOSH REL |
| | | TWA | 1,000 ppm 1,900 mg/m ³ | 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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| | | |
|---|---|------------------------|
| 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 ³ |
| 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 |

SECTION 10: STABILITY AND REACTIVITY



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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 |

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

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

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

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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RCRA - Resource Conservation : D001 (Ignitable)
and Recovery Authorization
Act Hazardous waste

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

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.



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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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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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