

S A F E T Y D A T A S H E E T

Date Prepared: 5/28/2021 Replaces the SDS Prepared 7/29/2020

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Product Code: MSDS513  
Product Name: DAYCON ESSENTIALS HAND SANITIZER  
Item Code: 580753, 228519, 447409

24-hour Emergency Phone: (800) 535-5053

HMIS CODES H F R P  
2 3 0 X

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Distributed By: Daycon Products Company, Inc.  
16001 TRADE ZONE AVE.  
UPPER MARLBORO, MD 20774

Recommended Use: HAND SANITIZER.

**2. HAZARDS IDENTIFICATION**

**HAZARD OVERVIEW:** Danger. Highly flammable liquid and vapor. Causes Serious eye irritation.

**Hazard Classification:** Flammable Liquid Category 2  
Eye Irritant Category 2A  
Acute Toxicity, inhalation Category 4

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:**

H226 Flammable liquid and vapor.  
H319 Causes serious eye irritation  
H336 May cause drowsiness or dizziness.



**PRECAUTIONARY STATEMENTS:**

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames, and other sources of ignition.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharge.  
P261 Avoid breathing vapors.  
P305/P351/P338/P337/P313 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.

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P370/378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

P403/233 Store in a well ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local and national regulations.

**Potential Health Effects**

**EYE:**

Eye irritant.

**SKIN:**

May cause irritation.

**INGESTION:**

Ingestion may lead to drunkenness, dizziness, and in severe cases alcohol poisoning.

**INHALATION:**

Prolonged inhalation may result in respiratory irritation.

**CHRONIC (CANCER) INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

Not classified as a teratogen.

**REPRODUCTION INFORMATION:**

Does not harm reproductive cells.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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Component/Exposure Limits	CAS#	% by Wt.
Ethyl alcohol	64-17-5	68.2537
Poly(oxy-1,2-ethanediyl), alpha-hydro-,omega,-hydroxy-	25322-68-3	1.6877
Trade Secret*	Proprietary*	0.002
Trade Secret*	Proprietary*	0.002
Water	7732-18-5	30
Other components below reportable limits		Trace

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**4. FIRST AID MEASURES**

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**EYES:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice if irritation persists.

**SKIN:**

When used as intended there should be no problems. If irritation does occur, rinse with water. Get medical attention if irritation persists.

**INGESTION:**

Rinse mouth. Get medical attention if symptoms occur. DO NOT induce vomiting.

**INHALATION:**

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.

**NOTE TO PHYSICIANS:**

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Alcohol causes central nervous system depression.

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**5. FIRE FIGHTING MEASURES**

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**FLAMMABLE PROPERTIES:**

**FLASH POINT: 15.6C or 60F Method: N/A**

Flammable material.

**FLAMMABLE LIMITS:**

**Lower flammable limit: N/A**

**Upper flammable limit: N/A**

**AUTOIGNITION TEMPERATURE:**

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NO INFORMATION AVAILABLE.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon.

**EXTINGUISHING MEDIA:**

Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment.

**FIREFIGHTING INSTRUCTIONS:**

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines.

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Use appropriate containment to avoid run-off. Remove any source of ignition. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder with inert absorbant. Wash area with plenty of water.

**LARGE SPILL:**

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If possible, clean up spill area with dry absorbant and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways. Remove all sources of ignition.

**7. HANDLING AND STORAGE**

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**HANDLING:**

Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not handle near heat, sparks or flames. Use only with adequate ventilation. Avoid contact with eyes.

**STORAGE:**

Store in a well ventilated place. Keep container tightly closed. Store locked up. Take the usual chemicals handling precautions. Avoid contact with eyes. Do not take internally. Keep out of reach of children. Do not contaminate food or water by storage or disposal. Keep containers closed when not in use. Store in original containers.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Occupational exposure limits**

US. OSHA Secifically Regulated Substances (29 CFR 1910.1001-1050)		
Component	Type	Value
Trade Secret	STEL	5 ppm
	TWA	1 ppm
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)		
2-Propanol, 2-Methyl- (CAS 75-65-0)	PEL	100 ppm; 300 mg/m <sup>3</sup>
Ethanol (CAS 64-17-5)	PEL	1000 ppm; 1900 mg/m <sup>3</sup>
Trade Secret	PEL	100 ppm; 360 mg/m <sup>3</sup>

**ENGINEERING CONTROLS:**

When used as directed, no engineering controls are necessary. If used in an confined space and excess material is used, a source of ventilation may be required.

**RESPIRATORY PROTECTION:**

When used as directed, no protection is necessary. If irritation occurs, ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

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**SKIN PROTECTION:**

Not needed when used as directed.

**EYE PROTECTION:**

If there is a chance of misting or spray, chemical splash goggles with side shields recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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BOILING POINT: 186.71 degrees F  
MELTING POINT: Not Available  
VAPOR PRESSURE: NO INFORMATION AVAILABLE.  
VAPOR DENSITY: (Air=1): >1  
SOLUBILITY IN WATER: Soluble  
SPECIFIC GRAVITY: .89 Wt./Gal. 7.43 lbs/gal.  
pH: NO INFORMATION AVAILABLE.  
ODOR: Alcohol.  
APPEARANCE: CLEAR COLORLESS LIQUID  
% VOC: 70.5% estimated % Volatile: 99.7 estimated

**10. STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY (CONDITIONS TO AVOID):**

Stable.

**INCOMPATIBILITY:**

Strong oxidizing agents. Keep away from heat, sparks, or open flame.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon, may be emitted if product burns.

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**HAZARDOUS POLYMERIZATION:** Will not occur

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**11. TOXICOLOGICAL INFORMATION**

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**EYE:**

No Information Available.

**SKIN:**

No Information Available.

**INGESTION:**

No Information Available.

**INHALATION:**

No Information Available.

**SUBCHRONIC:**

No Information Available.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

**REPRODUCTION:**

Not expected to effect human reproduction.



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**MUTAGENICITY:**

Not mutagenic.

**12. ECOLOGICAL INFORMATION**

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**ECOTOXICOLOGICAL INFORMATION:**

This product is not classified as environmentally hazardous. Highly mobile in soil.

**CHEMICAL FATE INFORMATION:**

Readily biodegradable. The product does contain volatile organic compounds which have a photochemical ozone reaction potential.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.

Dispose empty containers in accordance with applicable regulations.

**14. TRANSPORT INFORMATION (Not meant to be all inclusive)**

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UN1170, ETHANOL SOLUTIONS, (CONTAINS ETHANOL), 3, II  
LIMITED QUANTITY UNDER 0.3 GALLONS

**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent**

**U.S. FEDERAL REGULATIONS:**

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This product is a "Hazardous Chemical" as defined by the OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) Hazard Communication Standard, 29 CFR 1910.1200

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

SARA 302 Extremely Hazardous Substance

<u>Chemical Name</u>	<u>CAS #</u>	<u>Reportable QNTY, lbs.</u>	<u>Threshold planning quantity (lbs)</u>
Trade Secret	Proprietary	10	1000

SARA 311/312 HAZARDOUS Yes

Classified hazard categories: Flammable, Acute toxicity, Serious eye damage or irritation, Hazard not otherwise classified

**SECTION 313:**

This product does not contain any components that is at or exceed the "de minimis" reporting level requirements established by SARA Title III, Section 313 and 40 CFR 372.

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:**

No Information Available.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

No Information Available.

**EINECS:**

No information available.

**STATE REGULATIONS:**

California OELs:Skin designation	
Trade Secret	Can be absorbed through the skin
Minnesota Haz Subs: Skin designation applies	
Trade Secret	Skin designation applies.
Tennessee OELs: Skin designation	
Trade Secret	Can be absorbed through the skin
US ACGIH Threshold Limit Values: Skin designation	
Trade Secret	Can be absorbed through the skin
US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	
Trade Secret	Can be aborbed through the skin

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**VOLATILE ORGANIC COMPOUNDS:**

70% estimated.

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**16. OTHER INFORMATION**

**SDS Status:**

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of the manufacturer and distributor, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.