

# SAFETY DATA SHEET

**HERITAGE**  
DISTILLING CO

Date Issued: 05/05/2020

SDS No: 001114

Date-Revised: 4/21/2020

Revision No: 3

## Hand Sanitizer

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Hand Sanitizer

**MANUFACTURER:**  
Heritage Distilling Company  
4021 Harborview Dr.  
Gig Harbor, WA. 98332

**Service Number:** 1-253-509-0008

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (US Transportation) :**(800) 424 - 9300

**CANUTEC (Canadian Transportation) :**(613) 996 – 66

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Flammable Liquids, Category 3

#### GHS LABEL



Flammable

#### HAZARD STATEMENTS

H225: Flammable liquid and vapors

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P210: Keep away from heat, hot surface, sparks, open  
- No smoking.

P233 Keep container tightly closed.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

##### Prevention:

P210 Keep away from heat, hot surfaces, sparks, open  
sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ ventilating/ light

P242 Use only non-sparking tools.

P243 Take precautionary measures against static disch

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ s

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

**Hand Sanitizer****Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Potential Health Effects**

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.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Vol. %	CAS
Ethanol	80.00	64-17-5
Distilled Water	14.38	7732-18-5
Hydrogen Peroxide (3% Solution)	4.17	772-84-1
Glycerin	1.45	56-81-5

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention, if irritation occurs or persists.

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**SKIN:** Wash with soap and water for at least 15 minutes. Get medical attention, if irritation develops or persists.

**INGESTION:** DO NOT INDUCE VOMITING. Do not attempt to give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek immediate medical attention.

### **SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**ACUTE TOXICITY:** Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, and nausea.

## **5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Class 2 flammable liquid.

**EXTINGUISHING MEDIA:** Use "alcohol resistant" foam, dry chemical, or CO<sub>2</sub>. Water may be ineffective, but water applied as a spray can absorb some of the fire's heat and should be used to keep fire-exposed containers cool.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

**EXPLOSION HAZARDS:** When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

**FIRE FIGHTING PROCEDURES:** WARNING! Flammable Liquid. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water.

## **6. ACCIDENTAL RELEASE MEASURES**

**GENERAL PROCEDURES:** WARNING. Flammable. Ventilate area of leak or spill. Remove all sources of

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ignition. Clean-up personnel require protective clothing and respiratory protection from vapors. Only specially trained or qualified personnel should handle the emergency.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

**COMMENTS:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sub>3</sub>	ppm	mg/m <sup>3</sup>
Ethanol	TWA	1000	1900	1000	1884	400	980
	STEL					400	1,225
Hydrogen Peroxide	TWA	1	1	1	1		
	STEL	1	1	1	1		

**ENGINEERING CONTROLS:** Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

**SKIN:** Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**RESPIRATORY:** If exposure may or does exceed occupational exposure limits (Sec. 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

**PROTECTIVE CLOTHING:** Where splashing is possible, full chemically resistant protective clothing (e.g., acid suit) and boots are required.

**WORK HYGIENIC PRACTICES:** Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Hand Sanitizer****9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** Alcohol odor.

**APPEARANCE:** Clear

**COLOR:** Water-white.

**pH:** NA = Not Applicable

**PERCENT VOLATILE:** no data available

**FLASHPOINT AND METHOD:** no data available

**FLAMMABLE LIMITS:** no data available

**AUTOIGNITION TEMPERATURE:** no data available

**VAPOR PRESSURE:** no data available

**VAPOR DENSITY:** Heavier than air.

**BOILING POINT:** (173°F) to (212°F)

**FREEZING POINT:** NDA = no data available.

**MELTING POINT:** (-173°F)

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** Slower than ether.

**DENSITY:** 6.69

**SPECIFIC GRAVITY:** 0.79 to 0.81 15.5°C/60°F

**(VOC):** 6.180 LBS./gal.

**10. STABILITY AND REACTIVITY**

**STABLE:** Yes

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Avoid heat, sparks, flame and contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120 deg. F.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and unidentified organic compounds may be formed during combustion. There should be no decomposition if stored and applied as directed.

**INCOMPATIBLE MATERIALS:** This product is incompatible with strong acids or bases, oxidizers, alkali metals, and halogens.

**11. TOXICOLOGICAL INFORMATION**

**TARGET ORGANS:** This product contains ethanol. Alcoholic beverage consumption has been associated with brain damage, heart damage, and pancreatitis in humans. The relevance of these findings to ethanol exposure in

**12. ECOLOGICAL INFORMATION**

industrial environments is uncertain.

**ECOTOXICOLOGICAL INFORMATION:** Avoid uncontrolled releases of this material. Where spills are

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possible, a comprehensive spill response plan should be developed and implemented.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

**EMPTY CONTAINER:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

**RCRA/EPA WASTE INFORMATION:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Hand Sanitizer

**PRIMARY HAZARD CLASS/DIVISION:** 2

**UN/NA NUMBER:** UN 1170

**PACKING GROUP:** II

**NAERG:** 127

**LABEL:** Flammable liquid

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Flammable  
Liquid

S28: After contact with skin, wash immediately with plenty of water and soap.

R68/22: Harmful: possible risk of irreversible effects if swallowed.

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:** To the best of our knowledge, this product is not listed as a toxic chemical under Section 313 of SARA Title III.

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**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** To the best of our knowledge, this product is not listed as an extremely hazardous substance.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** Listed.

**CANADA**

**WHMIS HAZARD SYMBOL AND CLASSIFICATION**



Flammable  
Liquid

R20: Harmful by inhalation.

R40/21/22: Harmful : possible risk of irreversible effects in contact with skin and if swallowed

**GENERAL COMMENTS:** The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

**16. OTHER INFORMATION**

**REASON FOR ISSUE:** New product.

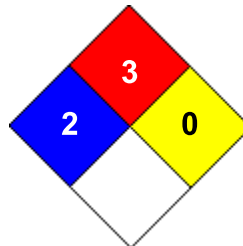
**PREPARED BY:** COMPLIANCE

**REVISION SUMMARY:** This SDS replaces the 9/10/2013 MSDS.

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>2</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>H</b>

**NFPA CODES**



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