
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Easy Care First Aid Hand Sanitizer		
Product Code:	5020-0505; 5020-0506		
SDS Date:	March 30, 2020		
SDS Revision No.:	0		
USE:	Hand Sanitizer to help reduce bacteria that potentially can cause disease. For use when soap and water are not available.	HMIS Hazard Rating	
		HEALTH	2
		FLAMMABILITY	3
		REACTIVITY	0
		PERSONAL PROTECTION	X
MANUFACTURER:	Tender Corporation		
ADDRESS:	944 Industrial Park Road Littleton, NH 03561		
CUSTOMER SERVICE:	cs@tendercorp.com		
TECHNICAL QUESTIONS:	regulatory@tendercorp.com		
INFORMATION CALLS:	800-258-4696	FAX PHONE:	603-444-6735
EMERGENCY PHONE:	Spills: (800) 354-2382 (Veolia) Medical Information: (800) 258-4696 (Tender Corporation)		

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This material is HAZARDOUS by OSHA Hazard Communication definition. Flammable Liquid. Material can burn with little or no visible flame. May be irritating to the eyes, skin, and respiratory system. May cause nervous system depression.

HAZARD CLASSIFICATION: Flammable Liquid (Category 2)
Eye Irritation (Category 2A)
Skin Irritation (Category 2)

GHS Label elements, including precautionary statements


SIGNAL WORD: Danger

HAZARD STATEMENT(S)

H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation

PRECAUTIONARY STATEMENT(S)

P501 Dispose of contents and container to an approved waste disposal plant if eye irritation persists: get medical advice/attention
P337 + 313 IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P305+P351+P338
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233 Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.

ROUTES OF EXPOSURE: Dermal, oral

POTENTIAL HEALTH EFFECTS

INHALATION: High concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. May cause narcotic effects in high concentration. Vapors may cause dizziness or suffocation.

SKIN CONTACT: Causes moderate skin irritation. May cause dermatitis by de-fatting the skin from prolonged or repeated contact.

EYE CONTACT: Causes eye irritation. May cause painful sensitization to light. May cause chemical conjunctivitis and corneal damage. Causes irritation, with redness, pain, tearing, blurred vision and conjunctivitis.

INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause systemic toxicity

with acidosis. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

CHRONIC: Effects of Repeated Overexposure: Long term repeated oral exposure to ethanol may result in the development of progressive liver injury with fibrosis. Other Health Hazards: Repeated ingestion of ethanol by pregnant mothers has been shown to adversely affect the central nervous system of the fetus, producing a collection of effects, which together constitute fetal alcohol syndrome. Medical Conditions Aggravated by Overexposure: Repeated exposure to ethanol may aggravate liver injury produced from other causes. Skin contact may aggravate dermatitis.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%	CAS NO.
Ethyl alcohol	80	64-17-5
Glycerin	1.45	56-81-5
Hydrogen Peroxide	0.125	7722-84-1
Purified Water	18.425	7732-18-5

See Section 8 - "EXPOSURE CONTROLS/PERSONAL PROTECTION" for exposure guidelines

SECTION 4: FIRST AID MEASURES

GENERAL ADVICE: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area..

INHALATION: Remove person to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

OVER EXPOSURE SKIN: Immediately flush affected area with plenty of water while removing contaminated clothing. Wash contaminated clothing before reuse. Contact a doctor. If irritation persists, get medical attention.

CONTACT WITH EYES: Immediately flush eyes with water. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present, after the first 5 minutes. Continue rinsing eyes for at least 15 minutes. If irritation persists, seek medical attention

INGESTION: DO NOT induce vomiting. If vomiting does occur, have victim lean forward to prevent aspiration. Rinse mouth with water. Seek medical attention. Never give anything by mouth to an unconscious individual.

NOTE TO PHYSICIAN: Treat symptomatically. Symptoms vary with alcohol level of the blood. Mild alcohol intoxication occurs at blood levels between 0.05- 0.15%. Approximately 25% of individuals show signs of intoxication at these levels. Above 0.15% the person is definitely under the influence of ethanol; 50-95% of individuals are clinically intoxicated at these levels. Severe poisoning occurs when the blood is ethanol level is 0.3- 0.5%. Above 0.5% the individual will be comatose and death can occur. The unabsorbed ethanol should be removed by gastric lavage after intubating the patient to prevent aspiration. Avoid the use of depressant drugs or the excessive administration of fluids.

SECTION 5: FIRE-FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES: Flammable Liquid

FLASH POINT: <14 C / <58 F

EXTINGUISHING MEDIA: SMALL FIRE: Use dry chemicals, CO₂, water spray or alcohol-resistant foam. LARGE FIRE: Use water spray, water fog or alcohol-resistant foam. Cool all affected containers with flooding quantities of water.

SPECIFIC HAZARDS: Carbon oxides expected to be the primary hazardous combustion product.

ADVICE FOR FIRE FIGHTERS: Keep people away. Isolate fire and deny unnecessary entry. Stay upwind. Keep out of low areas where gases (fumes) can accumulate. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Burning liquids may be extinguished by dilution with water. Do not use direct water stream, as it may spread fire. Eliminate ignition sources. Move container from fire area if this is possible without hazards. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Use caution and test if material is burning before entering area. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

FURTHER INFORMATION: Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Do not inhale vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

ENVIRONMENTAL PRECAUTIONS: Stop leak. Contain spill if possible and safe to do so. Prevent product from entering drains.

METHOD FOR CONTAINMENT AND CLEAN-UP:

Highly flammable liquid. Eliminate all sources of ignition. All equipment used when handling this product must be grounded. A vapor suppressing foam may be used to reduce vapors. Do not touch or walk through spilled material. 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. Use clean non-sparking tools to collect absorbed material.

SECTION 7: HANDLING AND STORAGE

HANDLING: Do not get on skin or in eyes. Do not inhale vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Open and handle container with care. Metal containers involved in the transfer of this material should be grounded and bonded.

STORAGE: Keep container tightly closed in a cool, dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Consult local fire codes for additional storage information..

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: General room or local exhaust ventilation is usually required to meet exposure limit(s). Electrical equipment should be grounded and conform to applicable electrical code.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Tight sealing safety goggles.

EXPOSURE GUIDELINES:

INGREDIENT:	CAS NO.	%	Exposure Limits		
			ACGIH -TWA	ACGIH -STEL	OSHA Z1-TWA
Ethyl alcohol	64-17-5	30-40	1900 mg/m ³	1000ppm	1900 mg/m ³ 1000ppm

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

ODOR: Alcohol

pH: 6.2

BOILING POINT: Not applicable

MELTING POINT: Not applicable

SPECIFIC GRAVITY: .858

VAPOR PRESSURE (mmHg) @ °C: Not applicable

VAPOR DENSITY (AIR = 1): Not applicable

FLASH POINT: < 14° C / < 58° F

SOLUBILITY IN WATER: Completely Soluble

SOLUBILITY IN SOLVENTS: Not determined

VISCOSITY: Not applicable

Prepared according to 29CFR 1910.1200, Regulation (EC) No. 1272/2008 (GHS) and Canadian Controlled Products Act (CPR)

VOLATILE ORGANIC COMPOUNDS (VOC): Not determined

PARTITION COEFFICIENT: Not determined

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: Vapors may form explosive mixture with air.

CONDITIONS TO AVOID: Heat, flames and sparks.

INCOMPATIBILITY (MATERIAL TO AVOID): Alkali metals, Ammonia, Oxidizing agents, Peroxides, Strong Inorganic Acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hazardous decomposition products formed under fire conditions. - Carbon oxides

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

The preparation has not been tested for all toxicological effects; some are classified on the basis of the known hazards of the components.

Acute Toxicity:

LC50 (inhl) Rat 20000ppm 10 hrs.
LC50 (Oral) Rat 7060mg/Kg BWT
LDLo (Oral) Human 1400 mg/Kg BWT

Acute dermal toxicity: **LD50** - Not determined

Irritant effect on skin: Non irritating (PDII: 0.3)

Irritant effect on eyes: Eye exposure to Ethanol generally causes transient pain, irritation, and reflex lid closure. A foreign-body sensation may persist for one to two days. Vapors produce transient stinging and tearing, but no apparent adverse effects. Transiently impaired preception of color may occur with acute ingestion or chronic alcoholism. Standard Draize eye test (rabbit) - Dose: 500 mg Reaction: Severe Dose: 500 mg/24 hrs Reaction: Mild

Sensitization: Standard Draize skin test (rabbit) - Dose: 20 mg/24 hrs Reaction: Moderate Repeated exposure may cause skin dryness or cracking

Carcinogenicity/Reproductive toxicity: IARC: Not classifiable as a human carcinogen.
ACGIH: Not classifiable as a human carcinogen.
NTP: Not classifiable as a human carcinogen.
OSHA: Not classifiable as a human carcinogen.

Other Hazards

Eyes Irritating to the eyes. May cause painful sensitization to light. May cause chemical conjunctivitis and corneal damage.

Ingestion May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause systemic toxicity with acidosis. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure.

Inhalation Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. May cause narcotic effects in high concentration. Vapors may cause dizziness or suffocation.

Skin Mildly irritating to the skin. May cause dermatitis by de-fating the skin from prolonged or repeated contact.

Chronic May cause reproductive and fetal effects. Laboratory experiments have resulted in mutagenic effects. Animal studies have reported the development of tumors. Prolonged exposure may cause liver, kidney, and heart damage. Long term exposure can cause loss of appetite, weight loss, nervousness, memory loss, mental retardation.

SECTION 12: ECOLOGICAL INFORMATION
GENERAL COMMENTS:
Acute Fish toxicity (ETHANOL)

LC50 / 96 HOUR Oncorhynchus mykiss (rainbow trout) > 10,000 mg/l

LC50 / 96 HOUR Pimephales promelas (fathead minnow) > 13,400 mg/l

Toxicity to aquatic plants (ETHANOL)

Growth inhibition / 96 HOURS Chlorella vulgaris (Fresh water algae) 1,000 mg/l

Toxicity to microorganisms (ETHANOL)

Toxicity Threshold / Pseudomonas putida 6,500 mg/l

Summary: Inhibition of cell multiplication begins.

Mobility	The product is water-based and expected to be mobile in the aquatic environment. Potential for mobility in soil is very high
Persistence/degradability	All ingredients are readily biodegradable in the environment.
Bioaccumulation	Unlikely
Toxicity	May be harmful to aquatic organisms

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Vapors may collect in empty containers. Treat empty containers as hazardous. Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations.

SECTION 14: TRANSPORT INFORMATION
SHIPPING INFORMATION:

Marine Pollutant: No

Regulation	UN No.	Proper Shipping Name	Class	Package Group	Additional Information
U.S. Department of Transportation (DOT) - Non-Bulk	UN1987	Consumer Commodity	ORM-D	II	Emergency Response Guide Number 127
U.S. Department of Transportation (DOT) - Bulk	UN1987	Alcohols, n.o.s	3	II	Emergency Response Guide Number 127
Canadian Transportation of Dangerous Goods (TDG) Non-Bulk	UN1987	Alcohols, n.o.s	3	II	
International Maritime Dangerous Goods (IMDG) Non-Bulk	UN1987	Alcohols, n.o.s	3	II	
International Air Transport Assoc. (IATA) Non-Bulk	UN1987	Alcohols, n.o.s	3	II	

The transportation regulations are cited according to international regulations and in the form applicable to the United States and Canada. Possible national deviations in other countries are not considered.

SECTION 15: REGULATORY INFORMATION
U.S. FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION STANDARD: This product is a "Hazardous Chemical" as defined by the OSHA hazard communication standard - Flammable Liquid

TSCA (TOXIC SUBSTANCE CONTROL ACT): Exempt

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NONE

CERCLA HAZARDOUS SUBSTANCE: None

CERCLA REPORTABLE QUANTITY: None

RCRA 261 (RESOURCE CONSERVATION RECOVERY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Section 302 Extremely Hazardous Substances (TPQ): None

311/312 HAZARD CLASS: Fire Hazard.

313 REPORTABLE INGREDIENTS: None

U.S. STATE REGULATIONS:

California Proposition 65: This product contains **Ethyl Alcohol** it is not intended for ingestion. The State of California lists Ethyl Alcohol as a chemical known to cause cancer and developmental hazards under when it is ingested as an alcoholic beverage..

States Right to Know: **Ethyl Alcohol 64-17-5** CA, PA, RI, FL, TN, NJ, MN, and MA-

CANADIAN REGULATIONS:

This product has been classified in accordance with the hazard criteria of CPR and the SDS contains all the information required by the CPR.

WHMIS CLASSIFICATION: B2 Flammable Liquid



D2B Toxic



DOMESTIC SUBSTANCE LIST (DSL)/NON-DOMESTIC SUBSTANCE LIST (NDSL): All components are listed or exempt
Canadian Ingredient Disclosure List: Ethyl Alcohol 64-17-5

EU REGULATIONS:

Labeling in accordance with EC-Directives

Flammable



Irritant



Hazard symbols:

Hazardous component(s) to be indicated on label: Contains Ethyl Alcohol 64-17-5

R phrases	22	Harmful if swallowed
	36	Irritating to eyes
	37	Irritating to respiratory system
	38	Irritating to skin
S phrases	2	Keep locked and out of the reach of children
	7	Keep Container Tightly Closed
	16	Keep away from source ignition—No Smoking
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	49	Keep only in the original container

SECTION 16: OTHER INFORMATION

HMIS		
Health: 2	Flammability: 3	Reactivity: 0
Special: None		

4=extreme 3=High 2=Moderate 1=Slight 0=Insignificant

REVISED SECTIONS OR REASON FOR REVISION:

DISCLAIMER: The information provided herein was believed to be accurate, to the best knowledge of Tender Corporation, at the time of preparation from a compilation of sources believed to be reliable and is furnished without warranty, expressed or implied. It is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling, storage and use of this product and to determine the suitability of the product for its intended use. This data sheet relates only to the specific product listed and does not relate to use in combination or in any process *with other materials*