

Copperhead Distillery & Spirits LTD

Hand Sanitizer

Safety Data Sheet



THE SPIRIT OF THE NORTH

SECTION 1. IDENTIFICATION

Product Identifier: Copperhead Distillery Hand Sanitizer – 80% Ethanol

Recommended Use: Hand Sanitizer

Manufacturer Address: 68 Tower Rd, Sundridge, Ontario, Canada. POA 1Z0

Contact Information: Phone – 705-384-0111 Email – info@copperheadltd.com

Product Dilution: Product is sold ready to use or to retail.

In Case of Spill Emergency contact: CANUTEC 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone. Ontario Poison Control: 1-800-268-9017

SECTION 2. HAZARD IDENTIFICATION

This material is an over the counter consumer product that is safe for consumers & workplaces with the intended reasonable and expected manner. NOTE: Warnings below are for exposure to large quantities of the product. Normal usage should not create a hazardous condition.

Emergency Overview:

FLAMMABLE LIQUID AND VAPOR & IRRITATING TO EYES

Flammable Liquids: Category 3 Eye Irritation: Category 2A

Appearance: Aqueous Solution Physical State: Viscous Liquid Odor: Alcohol

Signal Word: Warning

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

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 in an approved waste disposal method.

Other hazards: None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration of Recipe
Ethanol 95%	64-17-5	80.0% (v/v)
Hydrogen Peroxide 3%	7722-84-1	0.125% (v/v)
Glycerol 98%	56-81-5	1.45% (v/v)

SECTION 4. FIRST-AID MEASURES

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact: In the case of skin irritation or allergic reactions see a physician.

Inhalation: Move to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.

Ingestion: Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.

Notes to Physician Treat symptomatically.

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 or explosion do not breathe fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Remove all sources of ignition. Ensure cleanup 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.

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.

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

Storage temperature: 0 °C to 35 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: There is no exposure data for the Product. This section reflects exposure data pertaining to individual ingredients.

Chemical Name	ACGIH TLV	OSHA PEL
Ethanol 70%	STEL (ppm) 1000	TWA (ppm) 1000
Hydrogen Peroxide 3%	TWA (ppm) 1	TWA (ppm) 1
Glycerin	STEL (ppm) 10 mg/m ³ mist	TWA (ppm) 15 mg/m ³ mist

Notes: STEL Short term exposure limit related to a 15 minute period TWA Time-weighted average reference of 8 hour time weighted

Additional Engineering Controls:

Engineering Measures: Showers, Eyewash stations, Ventilation systems

Personal Protective Equipment

Eye/Face Protection: Tightly fitting safety goggles.

Skin and Body Protection: Protective gloves.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Provide regular cleaning of equipment, work area and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Color: Clear - opaque

Odor: Alcohol

pH: 6.3 - 8.5, 100 %

Flash point: 23 °C closed cup

Odor Threshold: no data available

Melting point/freezing point: no data available

Initial boiling point and boiling range: no data available

Evaporation rate: no data available

Flammability (solid, gas): no data available

Upper explosion limit: no data available

Lower explosion limit: no data available

Vapor pressure: no data available

Relative vapor density: no data available

Relative density: no data available

Water solubility: no data available

Solubility in other solvents: no data available

Partition coefficient: n- octanol/water: no data available

Autoignition temperature: no data available

Thermal decomposition: no data available

Viscosity, kinematic: no data available

Explosive properties: no data available

Oxidizing properties: no data available

Molecular weight: no data available

VOC: no data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: None known.

Hazardous decomposition products: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: When this product is used in a reasonable and expected manner, no significant adverse reactions should be expected. Some of the following data pertains to individual ingredients found in the final product.

Likely routes of exposure are: 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. Dry skin may occur.

Ingestion: No symptoms known or expected.

Inhalation: No symptoms known or expected.

Toxicity:

Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg

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

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity:**

Environmental Effects: Harmful to aquatic life.

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

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Persistence and degradability: No data available

Bio accumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods:

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Dispose of as an unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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) Consumer Commodity, ORM-D

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 solution

Class: 3

Packing group: III

Marine pollutant: no

Emergency response guide number: 127

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: No chemicals in this material are subject to reporting requirements of title III, Section 302

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

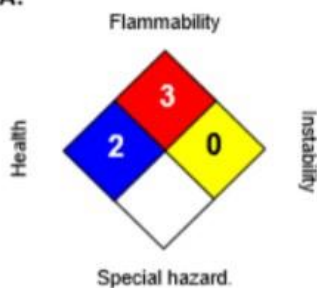
Korea. Korean Existing Chemicals Inventory (KECI): Not determined

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Not determined

China. Inventory of Existing Chemical Substances in China (IECSC): Not determined

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

Date of Latest Revision 19 / MAY / 2020

The information provided in this 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.