Ethyl Alcohol Antiseptic 80% Topical Solution

1. Identification

Product Name: Ethyl Alcohol Antiseptic 80% Topical Solution

Item #: 8310

Synonyms: Hand Sanitizer

Recommended Use: Hand Sanitizer

Manufacturer: BBC Biochemical

409 Eleanor Lane, Mount Vernon, WA 98273 • (800)635-4477

This product conforms with FDA guidance issued in March 2020 for Temporary Compounding of Certain Alcohol-Based Hand Sanitizer Products for use during the Public Health Emergency and has been manufactured in accordance with 21 CFR 10.115(g)(2).

In Case of Emergency:

Chemtrec US 1-800-424-9300 Chemtrec Int. 703-527-3887

Restrictions on Use: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

2. Hazards Identification

OSHA Hazard Classification(s):

Skin Irritation - Category 2
Eye Irritation - Category 2A
Specific Target Organ Toxicity (single exposure) - Category 1
Flammable Liquids - Category 2

Signal Word: Danger

Hazard Statement(s): Causes serious eye irritation. Causes damage to organs. Highly flammable liquid and vapor.

Pictogram(s):

Precautionary Statement(s): Prevention: Wash body thoroughly after handling. Wear protective gloves. Wear eye protection, face protection. Do not breathe dust, vapors. Do not eat, drink or smoke when using this product. Keep away from heat sources and open flame. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Response: If on skin: Wash with plenty of water. Specific treatment (see first aid section on this label). If skin irritation or rash occurs: Get medical attention. Take off all contaminated clothing and wash it before reuse. 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 attention. If exposed or concerned: Call a doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use water, dry chemical, CO2 or foam to extinguish.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal: Dispose of contents/container in accordance with local regulations.

Descriptions of Hazards not otherwise classified: N/A

Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

Chemical Name	Common Name	CAS #	Concentration %
Ethyl Alcohol	Ethanol	67-17-5	80
Water		7732-18-5	15-20
Glycerin	Glycerol	56-81-5	1-2
Hydrogen Peroxide		7722-84-1	<1

4. First Aid Measures

Eye Contact: 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.

Skin Contact: If on skin (or hair): Take off immediately all contaminated clothing and wash before reuse. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

409 Eleanor Lane | Mount Vernon, WA 98273 | 800.635.4477
support@bbcus.com | www.bbcus.com

Inhalation: Vapor harmful. Remove to fresh air; give artificial respiration if breathing has stopped. Get medical advice/attention if you feel unwell.
Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.
Symptoms: Irritation eyes, nose, throat; drowsiness, dizziness, headache; dry cracking skin; in animals: narcosis
Recommendations for immediate medical care/special treatment: Get medical advice/attention if you feel unwell.

5. Fire- Fighting Measures

Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam. Use water spray to cool fire-exposed containers and disperse vapors.
Fire Hazards (Chemical): OSHA classified Flammable Liquid. Vapors are flammable.
Special Protective Equipment: Fire fighters should use self-contained breathing apparatus and protective clothing.
Precautions for Firefighters: Fire fighters should use self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.
Protective Equipment: See section 8
Environmental Precautions: Prevent release to the environment by using barriers.
Containment and Clean-Up Procedures: Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

7. Handling and Storage

Handling: Do not breathe vapors. Do not eat, drink or smoke when using this product. Keep away from heat, sparks, open flames, hot surfaces. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
Storage: Store locked up. Store in a well-ventilated place. Keep cool.

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

Reagent	CAS #	OSHA PEL TWA
Ethyl Alcohol	67-17-5	1000ppm

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
Ethyl Alcohol	67-17-5	1000ppm	

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.
Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.
Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: Colorless, Colorless Liquid
Molecular Weight: N/A
Molecular Formula: N/A
pH: N/A
Boiling Point and Boiling Range: 181°F
Melting Point/Freezing Point: -20°F

409 Eleanor Lane | Mount Vernon, WA 98273 | 800.635.4477
support@bbcus.com | www.bbcus.com

Flash Point: 65ºF
Specific Gravity/Relative Density: N/A
Odor: Characteristic of alcohol
Odor Threshold: N/A
Color: Colorless
Flammability (solid/gas): Emits flammable vapors, flammable liquid
Vapor Density: N/A
Upper/Lower flammability or explosive limits: n/a
Vapor Pressure: N/A
Evaporation Rate: N/A
Partition Coefficient: n-octanol/water: N/A
Viscosity: N/A
Auto-ignition temperature: N/A
Solubility: Miscible in water
Decomposition Temperature: N/A

10. Stability and Reactivity

Reactivity:
Chemical Stability: Stable
Conditions of Stability/Instability: Instable under heat
Stabilizers needed: None
Safety issue indicated by appearance change: N/A
Other: N/A
Hazardous Reactions: N/A
Hazardous Polymerization: Does not occur
Conditions to avoid: Heat, open flame.
Classes of Incompatible Materials: Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids, isocyanates
Hazardous Decomposition Products: Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (I.e. Carbon monoxide) may be released in a fire.

11. Toxicological Information

Likely Routes of Exposure
Eyes: Irritation.
Skin: Irritation.
Inhalation: May cause dizziness, headache, nausea, and narcosis, irritation of the throat
Ingestion: May cause blindness, nausea, damage to gastrointestinal tract, liver, kidneys and cardiovascular system.

Signs or Symptoms of Exposure: Irritation eyes, skin, nose; headache, dry cracking skin, drowsiness, lassitude (weakness, exhaustion), effects on eyes, skin, respiratory system, central nervous system.
Effects from short term exposure (delayed, immediate, chronic): May cause blindness, nausea, damage to gastrointestinal tract, liver, kidneys and cardiovascular system
Acute Toxicity (Numerical Measures): N/A
Carcinogenicity (NTP, IARC, OSHA): Not listed as a carcinogen

12. Ecological Information

Ecotoxicity:
Persistence and degradability:
Bioaccumulation Potential (octanol-water partition coefficient, BCF):
Mobility in the soil:

409 Eleanor Lane | Mount Vernon, WA 98273 | 800.635.4477
support@bbcus.com | www.bbcus.com

Ethyl Alcohol Antiseptic 80% Topical Solution

Adverse Environmental Effects:

13. Disposal Considerations

Recommended Disposal Containers: Check with your local waste authorities*
Recommended Disposal Methods: Do not dispose of in drains, check with your local waste authorities.*
Physical/Chemical Properties affecting Disposal: See section 2 and section 9 applicable information.*
Special Precautions for Landfill and Incineration Activities: Check with your local waste authorities.*
Waste Stream: Consult your local or regional authorities.*

14. Transport Information

UN Number: UN1170
UN Proper Shipping Name: Ethyl Alcohol
Transport Hazard Class(es): 3
Packing Group Number: II
Environmental Hazards (IMDG code):
Marine Pollutant: No
Transport in Bulk (IBC Code): N/A
Special Transport Precautions: N/A

15. Regulatory Information

OSHA:
DOT:
EPA:
CPSC:

409 Eleanor Lane | Mount Vernon, WA 98273 | 800.635.4477
support@bbcus.com | www.bbcus.com

Ethyl Alcohol Antiseptic 80% Topical Solution

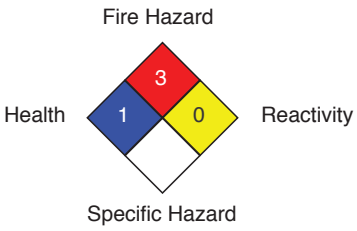
16. Other Information

Revision Date: 11/14/2014

NFPA

Health	1
Fire Hazard	3
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	1
Flammability	3
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	1
Flammability	3
Physical Hazard	0
Personal Protection	

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

409 Eleanor Lane | Mount Vernon, WA 98273 | 800.635.4477
support@bbcus.com | www.bbcus.com