

**ALCOHOL ANTISEPTIC 80% TOPICAL SOLUTION
HAND SANITIZER (NON-STERILE SOLUTION)**

1. IDENTIFICATION

Product Name(s):

Chefmaster® Alcohol Antiseptic 80% Topical Solution

Product Class:

Intended use of the product: Hand Sanitizer, Antiseptic

Restriction:

This is a personal care product that is safe for consumers and other users under normal and reasonably foreseeable use. 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.

Company Name: **Chefmaster**

Phone: **+1 714-554-4000**

501 Airpark Drive

Fullerton CA 92833

Website: www.chefmaster.com

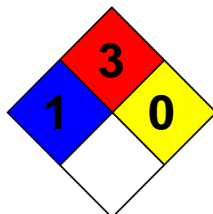
Emergency Contact: **CHEMTREC**

Phone: **+1 800-424-9300**

2. HAZARD(S) IDENTIFICATION

National Fire Protection Association (NFPA):

- Flammability
- Health
- Reactivity
- Special hazard



GHS Symbols

Hazard Pictograms:



Signal Word: Warning

GHS Classification

Flammable Liquids: Category 3

Serious eye damage/ eye irritation: Category 2A

Hazard Statement: H226 Flammable liquid and vapor
 H319 Causes serious eye irritation
 May cause drowsiness or dizziness

Precautionary Statements

Prevention:

- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

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

Storage:

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

Disposal:

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

Other hazards which do not result in classification

Vapors may form explosive mixture with air.

3. COMPOSITION

Substance/Mixture: **Mixture**

Hazardous Components

Component	CAS Number	Concentration (%)
ETHANOL, ETHYL ALCOHOL	64-17-05	> 80.00 - < 100.00

4. FIRST AID MEASURES

Eye Contact: Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Get medical attention immediately

Skin Contact: Remove contaminated clothing and shoes, wash before reuse. Flush all affected areas with large amounts of water for at least 15 minutes. Wash off skin with soap and water. Get medical attention if irritation develops and persists

Inhalation: Do not inhale vapors, mist or gas. Ensure adequate ventilation. Get medical attention if symptoms occur.

If Swallowed: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

Protection of first-aiders: First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.

Most important symptoms and effects, both acute and delayed.

Notes to physician: Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

Extinguishing Media: Water-spray, alcohol resistant foam, carbon dioxide (CO₂)

Unsuitable extinguishing media: High Volume Water Jet

Specific hazards during fire- fighting: Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.

Hazardous combustion products

Flash Point: 57.2°F (14.0°C)

Specific extinguishing methods:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Use water spray to cool unopened containers.
 Remove undamaged containers from fire area if it is safe to do so.
 Evacuate area.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.
 Use personal protective equipment.

Use standard firefighting procedures and consider the hazards of other materials involved.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Remove all sources of ignition.
 Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
 Discharge into the environment must be avoided.

Containment and Clean Up: Soak up with inert absorbent material and dispose of as waste. Keep in suitable, closed containers for disposal. If assistance is needed call CHEMTREC.

Methods and materials for containment and cleaning up:

Non-sparking tools should be used. Soak up with inert absorbent material.
 Suppress (knock down) gases/vapors/mists with a water spray jet.
 For large spills, provide diking or other appropriate containment to keep material from spreading.
 If diked material can be pumped, store recovered material in appropriate container.
 Clean up remaining materials from spill with suitable absorbent.
 Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.
 You will need to determine which regulations are applicable.
 Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

7. HANDLING AND STORAGE

Safe Handling: Avoid prolonged or repeated contact with eyes, skin, or clothing. Avoid breathing product vapors or mists.
 Use with adequate ventilation. Keep containers closed when not in use.

Safe Storage: Store in a cool, dry and well-ventilated area away from heat sources. Product can be stored at ambient temperature. Keep containers securely sealed. Protect containers from physical damage and check regularly for leaks.

Local/Total ventilation: Use with local exhaust ventilation. Use only in an area equipped with explosion proof exhaust ventilation.

Advice on safe handling:

Avoid inhalation of vapor or mist. Do not swallow.
 Do not get in eyes.
 Avoid prolonged or repeated contact with skin.
 Handle in accordance with good industrial hygiene and safety practice.
 Non-sparking tools should be used. Keep container tightly closed.
 Keep away from heat and sources of ignition.
 Take precautionary measures against static discharges.
 Take care to prevent spills, waste and minimize release to the environment.

Hygiene measures: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

Conditions for safe storage: Keep in properly labelled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Keep away from heat and sources of ignition.

Materials to avoid:

Do not store with the following product types: Self-reactive substances and mixtures Organic peroxides
 Oxidizing agents' Flammable gases Pyrophoric liquids Pyrophoric solids
 Self-heating substances and mixtures
 Poisonous gases
 Explosives

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Engineering measures: Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation.

Respiratory protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type: Organic vapor type

Hand protection: Impervious gloves

Material: Flame retardant gloves

Eye protection: Safety Goggles

Skin and body protection: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: Flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.).

Remarks:

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

9. PHYSICAL & CHEMICAL PROPERTIES

1. Appearance:

i. **Physical State:** Liquid, Gel

ii. **Color:** Clear, Colorless to a pale yellow

2. Odor: Alcohol-like

3. Odor Threshold: No Data

4. pH: No Data

5. Melting Point/Freezing Point: No Data

- 6. Initial Boiling Point and Boiling Range: No Data
- 7. **Flashpoint:** 63.5 °F (17.5°C)
- 8. Evaporation Rate: No Data
- 9. **Flammability:** No data, **Flammable**
- 10. Upper/Lower flammability or Explosive Limits: Not Explosive
- 11. Vapor Pressure: No Data
- 12. Vapor Density: No Data
- 13. **Relative Density: No Data**
- 14. **Solubility:** Water Soluble
- 15. Partition Coefficient: No Data
- 16. Auto-ignition Temperature: No Data
- 17. Decomposition Temperature: No Data
- 18. **Viscosity:** No Data

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions

Conditions and Materials to Avoid: Extremes of temperature and direct sunlight. flames and sparks.

Reactivity: Not classified as a reactivity hazard

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: Flammable liquid and vapor. Vapors may form explosive mixture with air. Can react with strong oxidizing agents.

Conditions to Avoid: Excessive heat, direct sunlight, flames and sparks

Incompatible Materials: Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents

Hazardous Decomposition Products: None known

11. TOXICOLOGICAL INFORMATION

- 1. Acute Toxicity: Not classified based on available information.
- 2. Skin Corrosion/Irritation: Not classified based on available information.
- 3. Serious Eye Damage/Irritation: Causes serious eye irritation.
- 4. Respiratory or Skin Sensation: Not classified based on available information.
- 5. Germ Cell Mutagenicity: Not classified based on available information.
- 6. Carcinogenicity: Not classified based on available information.
- 7. Reproductive Toxicity: Not classified based on available information.
- 8. STOT-Single Exposure: Not classified based on available information.

- 9. STOT- Repeated Exposure: Not classified based on available information.
- 10. Aspiration Hazard: Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

Aquatic: Not tested on finished formulation.

Terrestrial: Not tested on finished formulation.

Persistence and Degradability: No data available

Bio accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

13. DISPOSAL CONSIDERATIONS

Unused or Used Liquid: Check with local, regional, and or national regulations for appropriate methods of disposal.

Empty Containers: Dispose of in accordance with local regulations. Do not burn, or use a cutting torch on, the empty drum.

Never dispose into lakes, streams, and open bodies of water or storm drains.

14. TRANSPORTATION INFORMATION

IATA/ DOT

UN Number: **UN1987**

Class: 3

Packing Group: **III**

Proper Shipping Name: **ALCOHOLS, N.O.S. (ETHANOL)**

Labels: 3 (Flammable Liquids)

Marine Pollutant: No

15. REGULATORY INFORMATION

US Department of Transportation (DOT): 49 CFR §172.101 Hazmat Table

www.ecfr.gov

California Proposition 65:

To the best of our knowledge and information supplied by our suppliers this product does not need a Prop 65 warning statement

16. OTHER INFORMATION

DISCLAIMER: 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 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. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

Lot Coding: Manufactured Date: Julian Date: YYDDD, Example: 20001 = January 1, 2020

GHS Format Appendix D §1910.1200

World Health Organization (W.H.O): WHO-Recommended Hand Rub Formulations

FDA Guidance: Policy for Temporary Compounding of Certain Alcohol-Based Hand Sanitizer Products During the Public Health Emergency

U.S. Department of Health and Human Services Food and Drug Administration Center for Drug Evaluation and Research (CDER): March 2020 Compounding

The HHS Public Health Emergency Declaration is available at

<https://www.phe.gov/emergency/news/healthactions/phe/Pages/2019-nCoV.aspx>