



## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

**Distributor:** Yusef Manufacturing Laboratories, LLC **Document Published:** May 22, 2021  
**Address:** Freeport West F-4 #3, CLEARFIELD, UT 84015, US  
**Phone Number:** 801-444-1200

**Item ID:** 9F023-2 **Rev Code:** 1  
**Item Description:** SANITIZER SPRAY 62% ETOH CITRUS - 2 OZ BOSTON + SPRAY

**Product Description:** This is an FDA-compliant OTC drug product intended for application to human hands for the purpose of killing germs. It is safe for external use for healthy individuals when used as directed. Not intended for children under 6 months of age.

**Recommended Use:** As a sanitizer for killing or reducing the live germs on human skin.

**Restrictions on Use:** This is an OTC drug product that is safe for consumers when used as indicated. The purpose of this SDS is to provide safety information to the consumer and to workers handling the product in bulk. This product has some known hazardous when handled in bulk quantities. This SDS should be retained and available for employees and other industrial handlers of this product. This product is not intended for children under the age of 6 months without a physicians recommendation. It is not intended to be used on diseased, damaged or broken skin.

### SECTION 2 - HAZARD INFORMATION

#### GHS CLASSIFICATION

**Flammable Liquids:** 3  
**Eye Irritation:** 2A  
**Hazard Statements:** Flammable liquid and vapor. Causes serious eye irritation.

#### PRECAUTIONARY STATEMENTS

**Prevention:** Keep away from heat/sparks/openflams/hot surfaces. No Smoking. Keep container tightly closed.

**Response:** IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention. In case of fire, use dry sand, dry chemical or alcohol-resistant foam to extinguish. IF SWALLOWED: Do NOT induce vomiting. Rinse mouth thoroughly with water. Seek medical attention if symptoms occur.

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Description	TSCA	CA DSL	AU AICS	PROP 65	EINECS	CAS
Alcohol	Yes	Yes	Yes	No	200-578-6	64-17-5
Water	Yes	Yes	Yes	No	231-791-2	7732-18-5
Citrus Aurantifolia (Lime) Oil	No	No	No	No		8008-26-2
Triethanolamine	Yes	Yes	Yes	No	203-049-8	102-71-6
Carbomer	Yes	Yes	Yes	No		195739-91-4

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\* AU AICS Inventory Database: <https://www.nicnas.gov.au/chemical-inventory>

\* CA DSL Inventory List <https://pollution-waste.canada.ca/substances-search/Substance?lang=en>

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## SECTION 4 - FIRST AID MEASURES

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**General Advice:** In case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

**If Inhaled:** If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**In case of skin contact:** Wash with water and soap as a precaution. Get medical attention if symptoms occur.

**In case of eye contact:** Flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens if worn. Consult physician if irritation persists.

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## SECTION 5 - FIRE FIGHTING MEASURES

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**Extinguishing media:** Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>)

**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. Exposure to combustion products may be hazardous to health.

**Hazardous combustion products:** Carbon oxides

**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 fire fighters:** In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**Personal precautions:** Remove all sources of ignition. Ensure clean-up 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.

**Containment and cleanup:** 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, (eg, sand, earth, vermiculate) 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.

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## SECTION 7 - HANDLING AND STORAGE

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**Advice on safe handling:** Take necessary action to avoid static electrical 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 containers closed and sealed. Store in suitably labeled containers.

**Storage temperature:** 0 C to 35 C (32 F to 95 F)

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation:** General Dilution (Mechanical)

**Respiratory Protection:** None Required

**Skin Protection:** None Required

**Eye Protection:** Safety glasses or goggles recommended

<u>Ingredient</u>	<u>CAS</u>	<u>Form of Exposure</u>	<u>Permissible Concentration</u>	<u>Basis</u>
Ethanol	64-17-5	TWA	1,000 ppm	ACGIH
Ethanol	64-17-5	TWA	1,000 ppm	NIOSH REL
Ethanol	64-17-5	TWA	1,900 mg/m <sup>3</sup>	NIOSH REL
Ethanol	64-17-5	TWA	1,000 ppm	OSHA Z1
Ethanol	64-17-5	TWA	1,900 mg/m <sup>3</sup>	OSHA Z1

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Color:</b>	Colorless	<b>Melt Point (F):</b>	10 F to 20 F
<b>Odor:</b>	Alcohol-like / Lime	<b>Flash Point (F):</b>	60 F
<b>Appearance:</b>	Clear gel with bubbles	<b>Solubility, H<sub>2</sub>O:</b>	Does not react with water
		<b>pH:</b>	7.0 to 8.0

## SECTION 10 - STABILITY AND REACTIVITY

<b>Stability:</b>	Stable	<b>Polymerization Risks:</b>	No Risk
<b>Conditions to Avoid:</b>	High Heat	<b>Decomposition Risks:</b>	CO <sub>2</sub> , CO
<b>Material incompatibility:</b>	None		

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Routes of Exposure:** Inhalation, Eye Contact, Skin Contact

### POTENTIAL HEALTH EFFECTS

<b>Eyes:</b>	Pain, stinging, redness & burning
<b>Skin:</b>	Dry skin
<b>Ingestion:</b>	Dizziness, nausea, stomach pain, alcoholic effect
<b>Inhalation:</b>	Dizziness, headache, nausea
<b>Chronic Exposure:</b>	Will dry the skin.

### EXPERIENCE WITH HUMAN EXPOSURE

<b>Eye Contact:</b>	Pain, stinging, redness & burning
<b>Skin Contact:</b>	Dry skin. Irritation.
<b>Ingestion:</b>	Dizziness, nausea, stomach pain, alcoholic effect
<b>Inhalation:</b>	Dizziness, headache, nausea

## SECTION 12 - ECOLOGICAL INFORMATION

### ECOTOXICITY

**Environmental Effects:** Harmful to aquatic life.

### PRODUCT

<b>Toxicity to fish:</b>	No data available
<b>Toxicity to daphnia and other aquatic invertebrates:</b>	No data available
<b>Toxicity to algae:</b>	No data available

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## INGREDIENTS

**Toxicity to Fish:** Ethanol 96 h LC50 fish: 11,000 mg/l

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## **SECTION 13 - DISPOSAL CONSIDERATIONS**

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**Disposal Methods:** This product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

**Disposal Considerations:** Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

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## **SECTION 14 - TRANSPORT INFORMATION**

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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)

**UN Number:** 1170  
**Description of Goods:** Ethanol Solutions  
**Class:** 3  
**Packing Group:** III  
**Environmentally Hazardous:** No

### AIR TRANSPORT

**UN Number:** 1170  
**Description of Goods:** Ethanol Solutions  
**Class:** 3  
**Packing Group:** III  
**Environmentally Hazardous:** Cannot ship via Air.

### SEA TRANSPORT (IMDG/IMO)

**UN Number:** 1170  
**Description of Goods:** Ethanol Solutions  
**Class:** 3  
**Packaging Group:** III  
**Marine Pollutant:** No

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## **SECTION 15 - REGULATORY INFORMATION**

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### 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 CERCLA RQ. (40 CFR 355 Appendix A)

**SARA 311/312 Hazards:** No Reportable Hazards.

**SARA 302:** This material does not contain any components with a CERCLA RQ.

**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 developmental or reproductive defects.

**The ingredients of this product are reported in the following inventories:**

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**1907/2006 (EU):** No Chemicals Listed

**Switzerland. New notified substances and declared preparations:** No Chemicals Listed

**United States TSCA Inventory:** 4 materials of 5 total materials on TSCA List. See exceptions in Section 3. (Flavors not evaluated.)

**Canada Domestic Substances List (DSL):** 4 materials of 5 total materials on TSCA List. See exceptions in Section 3. (Flavors not evaluated.)

**Australia Inventory of Chemical Substances (AICS):** 4 materials of 5 total materials on TSCA List. See exceptions in Section 3. (Flavors not evaluated.)

**New Zealand. Inventory of Chemical Substances:** Not Evaluated

**Japan. ENCS - Existing and new Chemical Substances Inventory:** Not Evaluated

**Japan. ISHL - Inventory of Chemical Substances (METI):** Not Evaluated

**Korea. Korean Existing Chemicals Inventory (KECI):** Not Evaluated

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

CERCLA & SARA References: [https://www.epa.gov/sites/production/files/2015-03/documents/list\\_of\\_lists.pdf](https://www.epa.gov/sites/production/files/2015-03/documents/list_of_lists.pdf)

CA PROP 65 References: <https://oehha.ca.gov/proposition-65/proposition-65-list>

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## SECTION 16 - OTHER INFORMATION

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**NFPA:** None

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Note: 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 and completeness of the information contained herein. Final determination of suitability of any materials is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that they are the only hazards that exist.

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