



Starco Brands  
3137 East 26<sup>th</sup> St.  
Vernon, CA 90058

## SAFETY DATA SHEET

### Section 1. Identification

**SDS NAME:** Breathe Hand Sanitizer Spray

**SYNONYM(S):** Liquid Hand Sanitizer Spray  
Hand Sanitizing Spray

**PRODUCT USE:** Consumer product, Hand Sanitizer

**SDS NUMBER:** SD31240

**PHONE NUMBER(S):** (800) 255-3924

**INFORMATION:** Starco Brands - (323) 266-7111

### Section 2. Hazard(s) Identification

**LABEL ELEMENTS:**

**SIGNAL WORD: DANGER**

**PICTOGRAMS:**



#### HAZARD CLASSIFICATION:

<b>Aerosol</b>	Category 1	Extremely Flammable Aerosol
<b>Eye Damage/Irritation</b>	Category 2B	Causes eye irritation.
<b>Skin Irritation</b>	Category 2	
<b>Specific target organ toxicity – Single Exposure</b>	Category 3	

Consumers: Refer to the package insert or product label for appropriate consumer-specific information about this product when used according to manufacturer's directions.

#### PHYSICAL HAZARD PRECAUTIONARY STATEMENTS:

- Contents under pressure
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Protect from sunlight.
- Do not expose to temperatures exceeding 50 °C/122°F.

### Section 3. Composition / Information on Ingredients

**CHEMICAL FORMULA:** Mixture

The formulation for this product is proprietary information. Only hazardous ingredients in concentrations of 1% or greater and/or carcinogenic ingredients in concentrations of 0.1% or greater are listed in the Chemical Composition table. Active ingredients in any concentration are listed.

#### CHEMICAL COMPOSITION

INGREDIENT	CAS NUMBER	PERCENT
Ethyl Alcohol	64-17-5	>60%

**ADDITIONAL INFORMATION:** This SDS is written to provide health and safety information for individuals who will be handling the final product formulation during research, manufacturing, and distribution. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate SDS for each ingredient. Refer to the package insert or product label for handling guidance for the consumer.

**COMMENTS:** Hazardous ingredients are listed if they comprise  $\geq 1.0\%$  by weight. "Special Hazardous Substances or Carcinogens" are listed if they comprise  $\geq 0.1\%$  by weight.

### Section 4. First-Aid Measures

#### DESCRIPTION OF FIRST AID MEASURES:

**INHALATION:** Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a physician.

**SKIN CONTACT:** In keeping with good hygienic practices, wash exposed areas thoroughly with soap and water.

**EYE CONTACT:** In case of eye contact, IMMEDIATELY rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. Get IMMEDIATE medical attention.

**INGESTION:** Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or Poison Control Center. If symptoms persist, consult a physician.

#### **MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:**

**EYE:** Direct contact may cause eye irritation, temporary redness, and discomfort.

**SKIN:** No significant irritation expected.

**INHALATION:** No significant irritation expected from a single exposure. May be harmful if inhaled. May be corrosive to respiratory passages.

**ORAL:** Small amounts transferred to the mouth by fingers during use, etc. is not likely to cause harmful effect. Swallowing large amounts may be harmful and cause burns of the mouth, throat and stomach, discomfort, nausea, vomiting and diarrhea.

**CHRONIC:** None expected under normal conditions of use

## Section 5. Fire-Fighting Measures

### FLAMMABILITY DATA:

<b>Flash Point:</b>	Approximately 12°-21° C (55° - 70° F)
<b>Explosion Point:</b>	Reported value for Ethanol LEL 3.5% UEL 19%
<b>Classification:</b>	Highly Flammable (EU Criteria) Flammable (US OSHA Criteria) Flammable (Canada WHMIS Criteria)

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and self-contained breathing apparatus (SCBA).

**SUITABLE EXTINGUISHING MEDIA:** Carbon dioxide (CO<sub>2</sub>), extinguishing powder or water spray.

*See section 9 for Physical and Chemical Properties.*

## Section 6. Accidental Release Measures

**PERSONAL PRECAUTIONS:** Wear appropriate personal protective equipment as specified in Section 8. Keep personnel away from the clean-up area.

**SPILL RESPONSE / CLEANUP:** Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: sawdust or cellulosic material. Use only non-sparking tools.

*See section 9 for Physical and Chemical Properties.*

## Section 7. Handling & Storage

**HANDLING:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**STORAGE:** Keep away from heat, sparks, open flames, and direct sunlight. Store in a cool, dry, well ventilated area. Store at < 48.9° C (120° F).

*See section 8 for Physical and Chemical Properties.*

## Section 8. Exposure Controls / Personal Protection

**EXPOSURE CONTROLS:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide sufficient ventilation to keep vapors below permissible exposure limit.

### RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT (PPE):

**Respiratory Protection:** Use properly fitted respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Skin Protection:** Impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Eye Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases of dusts.

**Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved if a risk assessments indicates that protective equipment is necessary.

## EXPOSURE LIMIT VALUES

INGREDIENT	CAS NUMBER	ACGIH TLV (STEL / SKIN)	NIOSH IDLH	OSHA PEL (TWA)
Ethyl Alcohol	64-17-5	TWA: 1000 ppm	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	1000 ppm 1900 mg/m <sup>3</sup>
Glycerin (mist)	56-81-5	10 mg/m <sup>3</sup>	1994-06-01	10 mg/m <sup>3</sup> (Total Particulate) 5 mg/m <sup>3</sup> (Mist)

### Section 9. Physical & Chemical Properties

<b>PHYSICAL STATE:</b>	Liquid
<b>COLOR:</b>	Clear
<b>ODOR:</b>	Ethanol odors
<b>SOLUBILITY:</b>	
<b>Water:</b>	Dilutable
<b>Ethanol:</b>	Soluble

*See section 5 for flammability/exclusivity information.*

### Section 10. Stability & Reactivity

#### STABILITY / REACTIVITY:

Stable under normal conditions.

#### INCOMPATIBLE MATERIALS / CONDITIONS TO AVOID:

Open flames and high temperatures.

#### HAZARDOUS DECOMPOSITION PRODUCTS / REACTIONS:

No dangerous decomposition is expected if used according to manufacturer's specifications.

### Section 11. Toxicological Information

#### ACUTE TOXICITY DATA

**SKIN:** This product has been evaluated against skin irritation and no adverse effects are expected from the use of this finished product.

**CHRONIC TOXICITY:** None known.

**TARGET ORGAN EFFECTS:** None known.

**OTHER ADVERSE EFFECTS:** None known.

### Section 12. Ecological Information

No known significant effects or critical hazards.

## Section 13. Disposal Considerations

### MATERIAL WASTE TREATMENT METHODS:

Disposal must be in accordance with applicable federal, state/provincial, and/or local regulations.

### PACKAGING AND CONTAINERS:

Disposal must be in accordance with applicable federal, state/provincial, and/or local regulations.

## Section 14. Transport Information

This product may be shipped as a Consumer Commodity when packaged and shipped for consumer use. Refer to site-specific procedures and requirements for additional guidance.

### DOT CLASSIFICATION:

Proper Shipping Name: Limited Quantity/Consumer Commodity.  
Exempt from regulation except when shipped by air. Intended for commercial transportation only.

### AIR IATA/ICAO CLASSIFICATION:

Proper Shipping Name: ID 8000, Consumer Commodity, 9, Limited Quantity

### CANADA / MEX / TDG:

Proper Shipping Name: Aerosols  
Hazard Class: 2.2  
UN Number: UN 1950  
Packing Group: Limited Quantity

### OCEAN / IMDG/IMO CLASSIFICATION:

Proper Shipping Name: Aerosols  
Hazard Class: 2.2  
UN Number: UN 1950  
Packing Group: Limited Quantity  
EmS Number: F-D, S-U  
Vessel Stowage: A

## Section 15. Regulatory Information

<b>International Inventories:</b>	TSCA	Listed
	DSL	Listed
	NDSL	Not Listed
	EINECS / ELINCS	Listed
	PICCS	Listed
	ENCS	Listed
	KECL	Listed
	PICCS	Listed
	AICS	Listed

### US Federal Regulations

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<b>SARA 311/312 Hazard Categories</b>	Acute health hazard	No
	Chronic health hazard	No
	Fire hazard	No
	Sudden release of pressure hazard	No

Reactive hazard

No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65 Regulations

**U.S. State Right-to-Know**

**U.S. EPA Label Information**

**EPA Pesticide Registration Number:**

Not Applicable

**Section 16. Other Information**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

**NFPA Ratings:**

HEALTH: 2  
FLAMMABILITY: 3  
REACTIVITY: 0

**DISCLAIMER:**

BOV Solutions provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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**SDS CREATION DATE:**

March 11, 2020