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:

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol</td>
<td>Category 1</td>
<td>Extremely Flammable Aerosol</td>
</tr>
<tr>
<td>Eye Damage/Irritation</td>
<td>Category 2B</td>
<td>Causes eye irritation.</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>Category 2</td>
<td></td>
</tr>
<tr>
<td>Specific target organ toxicity – Single Exposure</td>
<td>Category 3</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>&gt;60%</td>
</tr>
</tbody>
</table>

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 ≥ 1.0% by weight. “Special Hazardous Substances or Carcinogens” are listed if they comprise ≥ 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:
- Flash Point: Approximately 12°C-21°C (55°F - 70°F)
- Explosion Point: Reported value for Ethanol LEL 3.5% UEL 19%
- Classification: 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 (CO2), 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**

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER</th>
<th>ACGIH TLV (STEL / SKIN)</th>
<th>NIOSH IDLH</th>
<th>OSHA PEL (TWA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>TWA: 1000 ppm</td>
<td>IDLH: 3300 ppm</td>
<td>1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1000 ppm</td>
<td>1900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1900 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Glycerin (mist)</td>
<td>56-81-5</td>
<td>10 mg/m3</td>
<td>1994-06-01</td>
<td>10 mg/m³ (Total Particulate)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5 mg/m³ (Mist)</td>
</tr>
</tbody>
</table>

Section 9. Physical & Chemical Properties

**PHYSICAL STATE:** Liquid  
**COLOR:** Clear  
**ODOR:** Ethanol orders  
**SOLUBILITY:**  
- Water: Dilutable  
- Ethanol: 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

International Inventories:
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

SARA 311/312 Hazard Categories
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

U.S. State Right-to-Know Regulations

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

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SDS CREATION DATE: March 11, 2020