

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: HAND SANITIZER

Other identification: Not applicable

Recommended use: Hand Sanitizing

Restrictions on use: A personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

Product dilution information: Product is sold ready to use.

Company: SWIE Industries LLC
3 Corporate Drive
Cranbury NJ 08512

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids: Category 3
Eye irritation: Category 2A

GHS Label element Hazard

pictograms:



Signal word: WARNING

Hazard Statement:

- Flammable liquid and vapor.
- Causes serious eye irritation.

Precautionary statements:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Keep container tightly closed.
- Take precautionary measures against static discharge.
- 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.
- Store in a well-ventilated place. Keep cool.
- Dispose of content/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Percent by weight
Ethanol	64-17-5	60-80
Water	7732-18-5	20-30
Aloe Vera	85507-69-3	<1.0
Carbomer	Mixture	<1.0
Dimethicone	64365-23-7	<1.0
Triisopropanolamine	122-20-3	<1.0

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If easy to do, remove contact lenses, if worn.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

5. FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MATERIAL:

Use Alcohol-resistant foam, dry chemical, or carbon dioxide. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

FIRE-FIGHTING PROCEDURES:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods for containment/cleaning up:

Contain spillage and collect with non-combustible absorbent material. Disposal should be in accordance with all applicable local, state and federal regulations.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

GENERAL:

Keep away from children. Do not get in eyes. Do not breathe vapors or mists.

VENTILATION REQUIREMENTS:

Use with local exhaust ventilation.

CONDITIONS FOR SAFE STORAGE:

Keep container(s) tightly closed and properly labeled. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize containers to empty them. Store at temperatures below 120°F.

8. EXPOSURE CONTROL / PPE

EYE PROTECTION: None required under normal conditions of use.

SKIN PROTECTION: None required under normal conditions of use.

RESPIRATORY PROTECTION: None required under normal conditions of use.

Ingredients	CAS	OSHA PEL	NIOSH REL	ACGIH TLV
Ethanol	64.17.5	1000 ppm (TWA) 1900 mg/m ³ (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)	1000 ppm (STEL)

9. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE: Gel

APPEARANCE: Clear liquid

ODOR: Ethanol

SPECIFIC GRAVITY: 0.80 - 1.0

SOLUBILITY: No data available

pH: 6.5 - 8.0

VAPOR PRESSURE(mmHg @20c): No data available

VAPOR DENSITY: No data available

FLASH POINT(°C CLOSED CUP): 25°C

MELTING POINT/FREEZING POINT(°C): No data available

BOILING POINT(°C): No data available

AUTO-IGNITION TEMPERATURE(°C): No data available

DECOMPOSITION TEMPERATURE(°C): No data available

EVAPORATION RATE: No data available

VISCOSITY(cP): 7000 - 15000

% VOC: No data available

10. STABILITY AND REACTIVITY

REACTIVITY: No data available

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: Flammable liquid and vapor. Vapors may form explosive mixture with air. Can react with strong oxidizing agents.

CONDITIONS TO BE AVOIDED: Heat, flames and sparks.

INCOMPATIBLE MATERIALS: Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products formed under fire conditions. - Carbon oxides.

11.TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION: N/A

SERIOUS EYE DAMAGE/IRRITATION: N/A

RESPIRATORY OR SKIN SENSITIZATION: N/A

GERM CELL MUTAGENICITY: N/A

CARCINOGENICITY: Not known to be as defined by OSHA, IARC or NTP.

REPRODUCTIVE TOXICITY: N/A

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE: N/A

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: N/A

ASPIRATION HAZARD: N/A

12.ECOLOGICAL INFORMATION

This product is safe for the environment at the concentrations predicted under normal use conditions.

13.DISPOSAL CONSIDERATIONS

WATER DISPOSAL: Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

14.TRANSPORT INFORMATION

TARIFF#: N/A

UN/NA ID# UN 1170

Proper Shipping Name: Ethanol Solution

DOT: UN 1170

HAZARD CLASS: 3

PACKING GROUP: III

IMO: N/A

IATA: N/A

15.REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:

CAL PROP 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

OSHA Hazards: None/no reportable quantities.

SARA 302: None/no reportable quantities.

TSCA: All substances in this product are listed on the TSCA inventory if required.

16.ADDITIONAL INFORMATION

HMIS Classification:

Health Hazard: 2

Flammability: 3

Physical Hazards: 0

DISCLAIMER: The information contained in this Safety Data Sheet was obtained from current and reputable sources. However this data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss,

injury, damage or expense resulting from improper use of this product. Many federal and state; regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.

Legend:

ACGIH: American Conference of Governmental & Industrial Hygienists
CAS: Chemical Abstract Service
CFR: Code of Federal Regulations
DOT: Department of Transportation
GHS: Globally Harmonized System of Chemical Classification and Labelling
HMIS: Hazardous Materials Identification System
IARC: International Agency for the Research of Cancer
IATA: International Air Traffic Association
IDLH: Immediately Dangerous to Life or Health
IMDG: International Maritime Dangerous Goods
IMO: International Maritime Organizations
NIOSH: National Institute of Occupational Safety and Health
NTP: National Toxicology Program
NFPA: National Fire Protection Association
NTP: National Toxicology Program
OSHA: Occupational Safety & Health Administration
PEL: Permissible Exposure Limits
RCRA: Resource Conservation & Recovery Act
REL: Recommended Exposure Limits
SARA: Superfund Amendments & Reauthorization Act
STEL: Short Term Exposure Limit
TLV: Threshold Limit Value
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
TCLP: Toxicity Characteristic Leaching Procedure
US: United States
VOC: Volatile Organic Compounds