

1. IDENTIFICATION

1.1 Product identifiers

Product Name : Hand Santizier

SDS Number : 2009401

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses : Hand Sanitizer

1.3 Details of the supplier of the safety data sheet

Manufactured By : SIMCO Inc.

City : Dallas

State : Texas

Zip : 75247

Country : USA

Exclusively Distributed For : Sports Solutions, Inc.

Address : 2536 Manana Drive

City : Dallas

State : Texas

Zip : 75220

Country : USA

Telephone : 214-351-2834

1.4 Emergency Telephone Number

For Chemical Emergency

(Spill, Leak, Fire, Exposure, or Accident) Call CHEMTREC Day or Night:

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

2. HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Flammable.

EU Classification (1999/45/EC):

F; R11, Flammable.

Medicinal and cosmetic products in the finished form, intended for the final user are not subject to the Directive relating to the classification, packaging, and labeling of dangerous preparations (1999/45/EC).

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal Word

Danger

Hazard Statement(s)

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation

Precautionary statement(s)

P102 Keep out of reach of children.

P210 Keep away from heat/sparks/open flames/ hot surfaces. No Smoking.

P302+P352+P361 IF ON SKIN: Wash with plenty of soap and water. Take off immediately all contaminated clothing.

P305+P351+P338+P313 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.

P304+P340+P313 IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Get medical advice/attention.

P402+P403+P233+P420 Store in a dry place. Store in a well-ventilated place. Keep container tightly closed. Store separately.

P235 Keep cool.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	%
Alcohol, Denatured (Ethanol)	64-17-5	80
Ingredients	Proprietary	20

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

Move to fresh air. Get medical attention as needed.

In case of skin contact

Wash with soap and water. Remove contaminated clothes.

In case of eye contact

Immediately flush with water for 15 minutes. Get medical attention as needed.

If swallowed

Drink 1-2 glasses of water. Do not give anything by mouth to an unconscious person. Obtain medical attention as required or contact POISON CENTER.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents

Water, alcohol resistant foam, carbon dioxide, dry chemical.

5.2 Special hazards arising from the substance or mixture

Carbon monoxide, carbon dioxide.

5.3 Advice for firefighters

Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fire involving chemicals.

5.4 Further information

Unusual fire and explosion hazards

Containers may explode in heat of fire. Vapors may travel to a source of ignition and flashback.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources

6.2 Environmental precautions

Prevent runoff from entering drains, sewers, or streams.

6.3 Methods and materials for containment and cleaning up

Absorb spill with vermiculite or inert material, then place in a container for chemical waste.
for large spills use water spray to disperse vapors and dilute spill to a nonflammable mixture.
Comply with all federal, state and local regulations.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only in a well ventilated area. Keep away from sparks and flame.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container in a dry and well ventilated area away from heat or ignition sources.

Keep away from food, drink and animal feeding stuffs. Keep away from strong oxidizers and strong acids.

7.3 Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Chemical Name	Exposure limit(s)	
Ethyl alcohol	1000 ppm, (1900 mg/m ³), 8H PEL, OSHA	1000 ppm, TWA, ACGIH

8.2 Exposure controls

Appropriate engineering controls

Use ventilation adequate to keep hazardous ingredients below TLV.

Personal protective equipment

Eye/face protection

Safety goggles use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with chemical-resistant gloves

Body Protection

No data available.

Respiratory protection

No personal respiratory protective equipment normally required.

Control of environmental exposure

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|----------------------------|
| a) Appearance | Clear liquid |
| b) Odor | Alcoholic |
| c) Odor threshold | No data available |
| d) pH | No data available |
| e) Melting point/
freezing point | No data available |
| f) Initial boiling point
and boiling range | No data available |
| g) Flash point | >23.33°C (74°F), estimated |
| h) Evaporation rate | No data available |
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i) Flammability (solid, gas)	No data available
j) Upper lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

- a) Specific gravity (at 25°C) 0.845 – 0.855
(water=1)
- b) Refractive Index at 25°C 1.370 – 1.381
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10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable at room temperature.

10.3 Possibility of hazardous reactions

Reacts with strong oxidizing agents.

10.4 Conditions to avoid

Heat, flames, sparks and ignition sources.

10.5 Incompatible materials

Strong oxidizers.

10.6 Hazardous decomposition products

None known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Inhalation: Drowsiness and irritation. Inhalation of high concentrations may cause central nervous system effects.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting, diarrhea. May cause central nervous system depression and excitability.

Skin corrosion/irritation

May cause dry or irritated skin.

Serious eye damage/eye irritation

May cause severe irritation

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

Laboratory experiments have resulted in mutagenic effects.

Carcinogenicity

IARC: Ethanol listed as a carcinogen.
NTP: Not listed.
OSHA: Not listed as a carcinogen.

Reproductive toxicity

Teratogen.

May cause reproductive and fetal effects.

Specific target organ toxicity – single exposure

No data available.

Specific target organ toxicity – repeated exposure

Prolonged exposure may cause liver, kidney and heart damage.

Aspiration hazard

No data available.

Additional information

Medical Conditions Aggravated by Exposure: Persons with skin or eye disorders or liver, kidney, chronic respiratory diseases, or central and peripheral nervous system diseases may be at increased risk from exposure to this substance.

Animal studies have reported the development of tumors.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

Fish: Rainbow Trout: LC50 = 12900 – 15300 mg/L; 96Hr, flow-through @ 24-24.3C, Rainbow Trout: LC50 = 11200 mg/L; 24 Hr; Fingerling (unspecified) ria: Phytobacterium phosphoreum: EC50 = 34900 mg/L; 5 – 30 min; Microtox test 250 ppm/6 hr/goldfish/lethal/freshwater

12.2 Persistence and degradability

Ethanol: In water, will volatize and probably degrade.

12.3 Bioaccumulative potential

No further relevant information

12.4 Mobility in soil

No further relevant information

12.5 Results of PBT and vPvB assessment

No further relevant information

12.6 Other adverse effects

No further relevant information

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation: Dispose in accordance with all state, local, national and federal regulations.

14. TRANSPORT INFORMATION

US DOT Shipping Description: PSN: Consumer Commodity, Class 3, Packing Group III.

IATA Shipping Description (Air): PSN:

IMDG Shipping Description (Sea):

PSN: Ethanol Solution, Hazard class 3, UN1170 Packing Group III, Flammable liquid.

15. REGULATORY INFORMATION

US Regulations

EPA Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

SARA 302 Listed Chemicals: Not listed.

SARA 311/312 Hazard Categories: Not listed.

SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372): Not listed.

California Proposition 65: Ethanol - Developmental Toxicity.

International Regulations

Canadian WHMIS Classification: Ethanol -
B2 - Flammable and combustible material - Flammable liquid
D2A - Poisonous and infectious material - Other effects - Very toxic
D2B - Poisonous and infectious material - Other effects - Toxic

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

EU Labeling: F; R11.

S: (2-) 7-16. Keep out of reach of children. Keep container tightly closed in a dry, well-ventilated place. Do not keep the container sealed. Keep away from food, drink, and animal feeding stuffs. Keep away from strong oxidizers and strong acids. Keep away from heat and sources of ignition - No Smoking.

16. OTHER INFORMATION

HMIS Rating: Health 2 Fire 3 Physical 1

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

F; R11 Flammable

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