

Instant Hand Sanitizer Unscented

SDS Revision Date (mm/dd/yyyy): 11/17/2025

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SAFETY DATA SHEET**SECTION 1. IDENTIFICATION****Product identifier used on the label**: **Instant Hand Sanitizer Unscented****Other means of identification** : 9900078

8 fl.oz bottle

Recommended use of the chemical and restrictions on use: Personal Care Applications
Restriction on use: None known**Chemical family**

: Mixture.

Name, address, and telephone number of the supplier:**Safetec of America, Inc.**887 Kensington Avenue
Buffalo, NY, USA
14215

Supplier's Telephone # : 716-895-1822

24 Hr. Emergency Tel # : 1-800-255-3924**SECTION 2. HAZARDS IDENTIFICATION****Classification of the chemical**

Translucent light green gel. No odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

Flammable Liquids - Category 3

Serious eye damage/eye irritation - Category 2A

Specific target organ toxicity, single exposure - Category 3 (narcotic effects)

This product is sold as a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. As this is a cosmetic and consumer product the Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

Label elements*Hazard pictogram(s)**Signal Word*

WARNING!

*Hazard statement(s)*Flammable liquid and vapor.
Causes serious eye irritation.
May cause drowsiness and dizziness.

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Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing mist or vapor. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, clothing and eye, face protection.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media to extinguish.

Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| <u>Chemical name</u> | <u>Common name and synonyms</u> | <u>CAS #</u> | <u>Concentration (% by weight)</u> |
|----------------------|---------------------------------|--------------|------------------------------------|
| Ethanol | Alcohol Ethyl alcohol | 64-17-5 | 45.0-70.0 |
| Triethanolamine | Not available. | 102-71-6 | <1 |

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : Do NOT induce vomiting. Rinse mouth. Get medical advice/attention if you feel unwell.
- Inhalation* : If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
- Skin contact* : Wash affected areas with soap and water. Call a physician if irritation persists.
- Eye contact* : 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.

Most important symptoms and effects, both acute and delayed

- : Causes serious eye irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media* : Dry chemicals. Foam. Carbon dioxide (CO2).
- Unsuitable extinguishing media* : Do not use water jet as extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- : Flammable liquid and vapor. Vapors are heavier than air and may spread along floors.

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Flammability classification (OSHA 29 CFR 1910.106)

: Flammable Liquids - Category 3

Hazardous combustion products

: Carbon oxides.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

: Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.

Special fire-fighting procedures

: Cool containers exposed to heat with water spray and remove container, if no risk is involved.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep unnecessary personnel away. Wear appropriate personal protective equipment. For personal protection, see section 8 of the SDS.

Environmental precautions : Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

: Wipe up with absorbent material (e.g. cloth, fleece).

Special spill response procedures

: Not applicable.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Use only non-sparking tools. Ground/Bond container and receiving equipment. Do not swallow. Avoid contact with skin, eyes and clothing. Avoid breathing mist or vapor.

Conditions for safe storage : Keep container tightly closed. Keep cool. Store locked up. Store in a well-ventilated place.

Incompatible materials : Strong oxidizing agents. Acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Exposure Limits: | | | | |
|-------------------------|---------------------|-------------|------------------------------------|-------------|
| Chemical Name | ACGIH TLV | | OSHA PEL | |
| | TWA | STEL | PEL | STEL |
| Ethanol | N/Av | 1000 ppm | 1000 ppm (1900 mg/m ³) | N/Av |
| Triethanolamine | 5 mg/m ³ | N/Av | N/Av | N/Av |

Exposure controls

Ventilation and engineering measures

: Explosion-proof general and local exhaust ventilation.

Respiratory protection : None required when used as intended.

Skin protection : None required when used as intended.

Eye / face protection : None required when used as intended.

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: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State** : Liquid.
Colour : Clear
Odour : None
Odour threshold : Not available.
pH : 6.3 - 8.1
Melting Point/Freezing point : Not available.**Initial boiling point and boiling range**

: Not available.

Flash point : 81.0 °F (27.2 °C)**Flashpoint (Method)** : Closed cup**Evaporation rate (BuAe = 1)** : Not available.**Flammability** : Not applicable.**Lower explosion or flammability limit (% by vol.)**
: 3.3%**Upper explosion or flammability limit (% by vol.)**
: 19%**Oxidizing properties** : Not applicable**Explosive properties** : Not explosive**Vapour pressure** : Not available.**Relative vapour density** : Not available.**Relative density / Specific gravity**

: 0.89

Solubility in water : Complete**Other solubility(ies)** : Not available.**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**

: Not available.

Auto-ignition temperature : Not available.**Decomposition temperature** : Not available.**Viscosity** : Not available.**Particle characteristics** : Not applicable.**Volatiles (% by weight)** : Not available.**Volatile organic Compounds (VOC's)**

: Not available.

Absolute pressure of container

: Not available.

Flame projection length : Not available.**Other physical/chemical comments**

: Not applicable

SECTION 10. STABILITY AND REACTIVITY**Reactivity** : The product is stable and non-reactive under normal conditions of use, storage and transport.**Chemical stability** : Material is stable under normal conditions.

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- Conditions to avoid** : Hazardous polymerization does not occur.
- Incompatible materials** : Keep away from heat, sparks and open flames. High temperatures.
- Hazardous decomposition products** : Strong oxidizers. Acids
- : Carbon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure:**

- Routes of entry inhalation** : YES
- Routes of entry skin & eye** : YES
- Routes of entry Ingestion** : YES
- Routes of exposure skin absorption** : YES

Potential Health Effects:**Signs and symptoms of short-term (acute) exposure***Sign and symptoms Inhalation*

- : Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Sign and symptoms ingestion

- : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sign and symptoms skin

- : Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Sign and symptoms eyes

- : Causes serious eye irritation. Symptoms may include stinging, tearing, redness and swelling.

Potential Chronic Health Effects

- Mutagenicity** : Prolonged or repeated skin contact may cause irritation, defatting or dermatitis (rash).
- Carcinogenicity** : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Reproductive effects & Teratogenicity** : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

- : This product is not expected to cause reproductive or developmental effects.

Sensitization to material : Not expected to be a skin or respiratory sensitizer.**Specific target organ effects** : Specific Target Organ Toxicity (STOT), Single Exposure: Category 3 May cause drowsiness or dizziness.

Not classified as specific target organ toxicity-repeated exposure.

Medical conditions aggravated by overexposure

- : Not applicable

Synergistic materials : Not available.**Toxicological data** : See below for individual ingredient acute toxicity data.

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| <u>Chemical name</u> | <u>LC₅₀(4hr)</u> <u>inh, rat</u> | <u>LD₅₀</u> | |
|----------------------|--|------------------------|-------------------------|
| | | <u>(Oral, rat)</u> | <u>(Rabbit, dermal)</u> |
| Ethanol | > 32 380 ppm (61 mg/L) 4 hours (vapour) | 7060 mg/kg | > 15 800 mg/kg |
| Triethanolamine | N/Av | 6110 mg/kg | > 19 870 mg/kg |

Other important toxicological hazards

: Not applicable

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Ecotoxicity data:

| <u>Ingredients</u> | <u>CAS #</u> | <u>Toxicity to Fish</u> | | |
|--------------------|--------------|--|----------------------|-----------------|
| | | <u>LC50 / 96h</u> | <u>NOEC / 21 day</u> | <u>M Factor</u> |
| Ethanol | 64-17-5 | > 100 mg/L Fathead minnow (Pimephales promelas) | N/Av | N/Av |
| Triethanolamine | 102-71-6 | 11 800 mg/L Fathead minnow (Pimephales promelas) | N/Av | N/Av |

| <u>Ingredients</u> | <u>CAS #</u> | <u>Toxicity to Daphnia</u> | | |
|--------------------|--------------|---|------------------------------------|-----------------|
| | | <u>EC50 / 48h</u> | <u>NOEC / 21 day</u> | <u>M Factor</u> |
| Ethanol | 64-17-5 | 5012 mg/L Water flea (Daphnia magna) | N/Av | N/Av |
| Triethanolamine | 102-71-6 | 609.88 mg/L Water flea (Ceriodaphnia dubia) | 16 mg/L Water flea (Daphnia magna) | N/Av |

| <u>Ingredients</u> | <u>CAS #</u> | <u>Toxicity to Algae</u> | | |
|--------------------|--------------|--|--------------------------|-----------------|
| | | <u>EC50 / 96h or 72h</u> | <u>NOEC / 96h or 72h</u> | <u>M Factor</u> |
| Ethanol | 64-17-5 | 1000 mg/L/96hr Green algae (Selenastrum capricornutum) | N/Av | N/Av |
| Triethanolamine | 102-71-6 | 512 mg/L/72hr Green algae (Desmodesmus subspicatus) | N/Av | N/Av |

Persistence and degradability

: Not available.

Bioaccumulation potential

: Not available.

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| <u>Components</u> | <u>Partition coefficient n-octanol/water (log Kow)</u> | <u>Bioconcentration factor (BCF)</u> |
|--------------------------------|--|--------------------------------------|
| Ethanol (CAS 64-17-5) | - 0.31 | N/Av |
| Triethanolamine (CAS 102-71-6) | -2.53 | <3.9 |

Mobility in soil : Not available.

Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.






SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Dispose of in accordance with local regulations.

Methods of Disposal : Empty containers should be taken to local recyclers for disposal.

RCRA : Not applicable.

SECTION 14. TRANSPORT INFORMATION

| Regulatory Information | UN Number | UN proper shipping name | Transport hazard class(es) | Packing Group | Label |
|---|--|-------------------------|----------------------------|---------------|---|
| ICAO/IATA | UN1170 | Ethanol Solution | LQ air | III |   |
| ICAO/IATA Additional information | Refer to ICAO/IATA Packing Instruction. May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. | | | | |
| IMDG | UN1170 | ETHANOL SOLUTION | LQ | III |  |
| IMDG Additional information | Consult the IMDG regulations for exceptions. May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. | | | | |
| TDG | UN1170 | ETHANOL SOLUTION | LQ | III |  |
| TDG Additional information | May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. | | | | |
| 49CFR/DOT | UN1170 | ETHANOL SOLUTION | LQ | III |  |
| 49CFR/DOT Additional information | May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. | | | | |

Special precautions for user : Not applicable.

Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

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SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

| <u>Ingredients</u> | CAS # | TSCA Inventory | CERCLA Reportable Quantity (RQ) (40 CFR 117.302): | SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355: | SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical | |
|--------------------|----------|----------------|---|--|---|--------------------------|
| | | | | | Toxic Chemical | de Minimis Concentration |
| Ethanol | 64-17-5 | Yes | N/Ap | N/Ap | No | N/Ap |
| Triethanolamine | 102-71-6 | Yes | N/Ap | N/Ap | No | N/Ap |

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: Flammable; Eye irritation; Specific target organ toxicity, single exposure

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

| <u>Ingredients</u> | CAS # | California Proposition 65 | | State "Right to Know" Lists | | | | | |
|--------------------|----------|---------------------------|------------------|-----------------------------|-----|-----|-----|-----|-----|
| | | Listed | Type of Toxicity | CA | MA | MN | NJ | PA | RI |
| Ethanol | 64-17-5 | No | N/Ap | Yes | Yes | Yes | Yes | Yes | Yes |
| Triethanolamine | 102-71-6 | No | N/Ap | No | Yes | Yes | Yes | Yes | Yes |

Canadian Information:

All components of this product are on the Canadian DSL list.

International Information:

Components listed below are present on the following International Inventory list:

| <u>Ingredients</u> | CAS # | European EINECs | Australia AICS | Philippines PICCS | Japan ENCS | Korea KECI/KECL | China IECSC | NewZealand IOC |
|--------------------|----------|-----------------|----------------|-------------------|------------|-----------------|-------------|----------------|
| Ethanol | 64-17-5 | 200-578-6 | Present | Present | (2)-202 | KE-13217 | Present | HSR001144 |
| Triethanolamine | 102-71-6 | 203-049-8 | Present | Present | (2)-308 | KE-25940 | Present | HSR002785 |

SECTION 16. OTHER INFORMATION

References

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
- 2. ECHA - European Chemical Agency
- 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases
- 4. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

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: 11/10/2016

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: 11/17/2025

Revision No.

: 2

Revision Information

: All sections modified.

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

DISCLAIMER

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