

**Instant Hand Sanitizer Citrus Scent**

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**SAFETY DATA SHEET****SECTION 1. IDENTIFICATION****Product identifier used on the label**: **Instant Hand Sanitizer Citrus Scent****Other means of identification** : Bottles: 2.0 oz, 4.0 oz, 8 oz, 16 oz, 64oz  
Bag-in-box: 800 mL**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. Citrus Scent.

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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**SAFETY DATA SHEET***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	65.0-85.0
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 (CO<sub>2</sub>).

- 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

<b>Exposure Limits:</b>				
<b>Chemical Name</b>	<b>ACGIH TLV</b>		<b>OSHA PEL</b>	
	<b>TWA</b>	<b>STEL</b>	<b>PEL</b>	<b>STEL</b>
Ethanol	N/Av	1000 ppm	1000 ppm (1900 mg/m <sup>3</sup> )	N/Av
Triethanolamine	5 mg/m <sup>3</sup>	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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**SAFETY DATA SHEET****Other protective equipment** : None required when used as intended.**General hygiene considerations**

: 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** : Citrus  
**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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**SAFETY DATA SHEET****Possibility of hazardous reactions**

- 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>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></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	 
<b>ICAO/IATA Additional information</b>	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	
<b>IMDG Additional information</b>	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	
<b>TDG Additional information</b>	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	
<b>49CFR/DOT Additional information</b>	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

**Reviewed Date SDS**

: 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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