



SDS Preparation Date (mm/dd/yyyy): 11/10/2016

Instant Hand Sanitizer with Fresh Scent

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SECTION 1. IDENTIFICATION

Product identifier used on the label

: Instant Hand Sanitizer with Fresh Scent

Product Code(s) : Bottles: 1.5oz, 2.0 oz, 4.0 oz, 8 oz, 16 oz, 64oz

Pouches: 0.057 oz, 0.125 oz, 0.9 gram

Wall mount: 16oz pump 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

Name, address, and telephone number of

the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Translucent light green gel. Fresh Scent.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under OSHA Hazcom 2012/WHMIS 2015 regulations. The Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

Label elements

Signal Word

Not required

Hazard statement(s)

Not required

Precautionary statement(s)

Not required

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	Common name and synonyms	CAS#	Concentration (% by weight)
Ethanol	Alcohol Ethyl alcohol	64-17-5	50.0 - 73.0
Triethanolamine	2,2',2"-Nitrilotriethanol Tris(2-hydroxyethyl)amine	102-71-6	0.1 - 1.0



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SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Inaestion : Harmful effects are not expected under normal usage. : Harmful effects are not expected under normal usage. Inhalation

: Harmful effects are not expected under normal usage. If skin irritation or rash occurs: Skin contact

Get medical advice/attention.

Eye contact If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get

medical advice/attention.

Most important symptoms and effects, both acute and delayed

: None expected, when used as intended.

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). Water or fog spray.

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.

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

Methods and material for containment and cleaning up

Personal precautions, protective equipment and emergency procedures

: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate

area). Wear appropriate personal protective equipment.

Environmental precautions: Avoid release to the environment.

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

Special spill response procedures

: Not applicable.

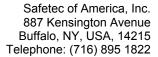
SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources -No smoking. Do not ingest or swallow. Observe good industrial hygiene practices.

Conditions for safe storage Keep containers closed when not in use.

Incompatible materials : Strong oxidizing agents. Acids.





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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:					
Chemical Name	ACGIH TLV		OSHA PEL		
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>	
Ethanol	N/Av	1000 ppm	1000 ppm (1900 mg/m³)	N/Av	
Triethanolamine	5 mg/m³	N/Av	N/Av	N/Av	

Exposure controls

Ventilation and engineering measures

: None required under normal conditions.

Respiratory protection : None required under normal conditions.

Skin protection : None required under normal conditions.

Eye / face protection : None required under normal conditions.

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

Appearance: Light green gel.

Odour: Fresh.Odour threshold: Not available.pH: 6.3 - 8.1Melting/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 (solid, gas) : Not applicable.

Lower flammable limit (% by vol.)

: 3.3%

Upper flammable limit (% by vol.)

19%

Oxidizing properties : Not applicable
Explosive properties : Not explosive
Vapour pressure : Not available.
Vapour density : Not available.

Relative density / Specific gravity

: 0.89

Solubility in water : Complete
Other solubility(ies) : Not available.



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Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: Not available.

: Not available. Auto-ignition temperature **Decomposition temperature**: Not available. **Viscosity** : Not available. : Not available. Volatiles (% by weight)

Volatile organic Compounds (VOC's)

: Not available.

Absolute pressure of container

: Not available.

Flame projection length : Not available.

Other physical/chemical comments

: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity The product is stable and non-reactive under normal conditions of use, storage and

transport.

Material is stable under normal conditions. **Chemical stability**

Possibility of hazardous reactions

: Hazardous polymerization does not occur.

Conditions to avoid : Keep away from heat, sparks and open flames.

Incompatible materials : See Section 7 (Handling and Storage) for further details.

Hazardous decomposition products

: See Section 5 (Fire Fighting Measures).

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

: None expected, when used as intended.

Sign and symptoms ingestion

None expected, when used as intended.

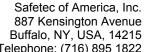
Sign and symptoms skin : None expected, when used as intended. Sign and symptoms eyes : None expected, when used as intended.

Potential Chronic Health Effects

: None expected, when used as intended.

Mutagenicity : Not expected to be mutagenic.

Carcinogenicity : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.





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Reproductive effects & Teratogenicity

: 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: None expected, when used as intended.

Medical conditions aggravated by overexposure

: None reported by the manufacturer.

Synergistic materials : None reported by the manufacturer.

Toxicological data : See below for individual ingredient acute toxicity data.

	LC₅₀(4hr)	LDe	50
Chemical name	<u>inh, rat</u>	(Oral, rat)	(Rabbit, dermal)
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

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

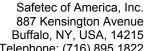
Ecotoxicity

: The product is not classified as environmentally hazardous. Avoid release to the environment.

Ecotoxicity data:

<u>Ingredients</u>	040 N	Toxicity to Fish			
	CAS No	LC50 / 96h	NOEC / 21 day	M Factor	
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>	CAS No	Toxicity to Daphnia				
		EC50 / 48h	NOEC / 21 day	M Factor		
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		





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<u>Ingredients</u>	CAS No	Toxicity to Algae				
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor		
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 (Desmondesmus subspicatus)	N/Av	N/Av		

Persistence and degradability

Not available.

Bioaccumulation potential : Not available.

	Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
ľ	Ethanol (CAS 64-17-5)	- 0.31	N/Av
	Triethanolamine (CAS 102-71-6)	-2.53	<3.9 BCF method: OECD 305C

Mobility in soil : Not available.

Other Adverse Environmental effects

: None known or reported by the manufacturer.

SECTION 13. DISPOSAL CONSIDERATIONS

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

RCRA : Not applicable.



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SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label				
49CFR/DOT	UN1170	ETHANOL SOLUTION	New LTD QTY	III	\Diamond				
49CFR/DOT Additional information		d as a Limited Quantity when transported in containers no l 30 kg (66 pounds) gross mass. See 49CFR Part 173.150 fo			s); in packages				
ICAO/IATA	UN1170	Ethanol Solution	LQ air	III	Y (1)				
ICAO/IATA Additional information		ATA Packing Instruction May be shipped as a Limited Qua (1.3 gallons); in packages not exceeding 30 kg (66 pounds	,	nsported in	containers no				
IMDG	UN1170	ETHANOL SOLUTION	LQ ground	III	\Diamond				
IMDG Additional information		OG regulations for exceptions. May be shipped as a Limited (1.3 gallons); in packages not exceeding 30 kg (66 pounds		n transporte	ed in containers no				
TDG	UN1170	ETHANOL SOLUTION	LQ ground	III	\Diamond				
TDG Additional information		May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages ne exceeding 30 kg (66 pounds) gross mass.							

Special precautions for user: Keep away from heat and flame.

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.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not established.

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 Re Quant		CERCLA Reportable	SARA TITLE III: Sec. 302, Extremely	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical		
			Quantity(RQ) (40 CFR 117.302): Hazardous Substance, 40 CFR 355:		Toxic Chemical	de minimus 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: Fire Hazard; Acute Health Hazard Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.





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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					
	OAO II	Listed	Type of Toxicity	y 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.

WHMIS Classification: See Section 2.

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

Legend

: ACGIH: American Conference of Governmental Industrial Hygienists

CA: California

CAS: Chemical Abstract Services

CEPA: Canadian Environmental Protection Act

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

of 1980

CFR: Code of Federal Regulations **CPR: Controlled Products Regulation** CSA: Canadian Standards Association DOT: Department of Transportation DSL: Domestic Substances List EPA: Environmental Protection Agency

HMIS: Hazardous Materials Identification System

HPA: Hazardous Products Act

HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer IATA: International Air Transport Association ICAO: International Civil Aviation Organisation IMDG: International Maritime Dangerous Goods

Inh: Inhalation

LC: Lethal Concentration

LD: Lethal Dose MA: Massachusetts MN: Minnesota N/Ap: Not Applicable N/Av: Not Available

NFPA: National Fire Protection Association



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NIOSH: National Institute of Occupational Safety and Health

NJ: New Jersey

NOEC: No observable effect concentration

NTP: National Toxicology Program

OECD: Organisation for Economic Co-operation and Development

OEL: National occupational exposure limits

OSHA: Occupational Safety and Health Administration

PA: Pennsylvania

PEL: Permissible exposure limit PPE: Personal Protective Equipment

RCRA: Resource Conservation and Recovery Act

RI: Rhode Island

RQ: Reportable Quantity

RTECS: Registry of Toxic Effects of Chemical Substances SARA: Superfund Amendments and Reauthorization Act

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit

TDG: Canadian Transportation of Dangerous Goods Act & Regulations

TLV: Threshold Limit Values TWA: Time Weighted Average WEL: Workplace Exposure Limit

WHMIS: Workplace Hazardous Materials Identification System

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents &

Biological Exposure Indices for 2016

2. International Agency for Research on Cancer Monographs, searched 2016

3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases,

2016(Chempendium, HSDB and RTECs).

4. Material Safety Data Sheets from manufacturer.

5. US EPA Title III List of Lists - 2016 version.

6. California Proposition 65 List - 2016 version.

7. OECD - The Global Portal to Information on Chemical Substances -

eChemPortal,2016.

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Other special considerations for handling

: Provide adequate information, instruction and training for operators.

Prepared for:

References

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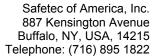
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