

Antiseptic

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Antiseptic**

Product Code(s) : Premoistened towelette

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

Towelette / pad saturated with clear, colourless liquid. Mild alcohol odor.

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 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

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Ethanol	Ethyl alcohol Ethyl hydrate	64-17-5	60.0 - 70.0
Triethanolamine	TEA	102-71-6	0.1 - 1.0

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### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : Harmful effects are not expected under normal usage.  
*Inhalation* : Harmful effects are not expected under normal usage.  
*Skin contact* : Harmful effects are not expected under normal usage. If skin irritation or rash occurs: 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 (CO<sub>2</sub>). 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.

#### 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). Wear appropriate personal protective equipment.

#### Environmental precautions

- : Avoid release to the environment.

#### 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. 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

<u>Exposure Limits:</u>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
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

: 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** : Towelette / pad saturated with clear, colourless liquid.

**Odour** : Mild alcohol odor.

**Odour threshold** : Not available.

**pH** : 5-10

**Melting/Freezing point** : Not available.

**Initial boiling point and boiling range**

: Not available.

**Flash point** : 27.2°C (81°F)

**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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**SAFETY DATA SHEET****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.**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**

: 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.**Chemical stability** : Material is stable under normal conditions.**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. Direct eye contact may cause irritation. Symptoms may include tearing, redness and discomfort.

**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.

<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) (vapour)	7060 mg/kg	> 15 800 mg/kg
Triethanolamine	N/Av	6110 mg/kg	> 2000 mg/kg (No mortality)

**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>	<u>CAS No</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)	N/Av	None.
Triethanolamine	102-71-6	11 800 mg/L (Fathead minnow)	N/Av	None.

<u>Ingredients</u>	<u>CAS No</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 (Daphnia magna)	N/Av	None.
Triethanolamine	102-71-6	609.88 mg/L [Ceriodaphnia (water flea)]	16 mg/L	None.

<u>Ingredients</u>	<u>CAS No</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)	N/Av	None.
Triethanolamine	102-71-6	216 mg/L/72hr (Green algae)	N/Av	None.

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**Persistence and degradability**

: Not available.

**Bioaccumulation potential**

: Not available.

<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)	- 1.59	< 3.9 (common carp)

**Mobility in soil** : Not available.

**Other Adverse Environmental effects**

: None known or reported by the manufacturer.





### SECTION 13. DISPOSAL CONSIDERATIONS

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

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

**RCRA** : Not applicable.

### SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN1170	ETHANOL SOLUTION	LQ ground	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. Refer to 49 CFR Section 173.150.				
ICAO/IATA	UN1170	Ethyl alcohol solution	3	III	 
<b>ICAO/IATA 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.				
IMDG	UN1170	ETHANOL SOLUTION	LQ ground	III	
<b>IMDG 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** : Appropriate advice on safety must accompany the package.

**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.

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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 minimus Concentration
Ethanol	64-17-5	Yes	None.	None.	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: None. 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.

#### 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.  
 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

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**SAFETY DATA SHEET**

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  
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

**References**

- : 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 2017  
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2017(Chempendium, HSDB and RTECs).  
4. Material Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists - 2017 version.  
6. California Proposition 65 List - 2017 version.  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,2017.

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**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.



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<p><b><u>Prepared for:</u></b> Safetec of America, Inc. 887 Kensington Avenue Buffalo, NY 14215 Telephone: 1-716-895-1822 www.safetec.com</p>	 <p><b>Safetec</b> Infection Control &amp; First Aid Products</p>
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