Safetec of America, Inc.
887 Kensington Avenue
Buffalo, NY, USA, 14215
Telephone: (716) 895 1822

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SECTION 1. IDENTIFICATION

Product identifier used on the label
: **Safetec® Sting Relief**

Other means of identification : 9900039
Premoistened Towelette
Bottles:2.0 oz,

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

Off white liquid. Antiseptic 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.

For informational purposes, this product would have the following OSHA Hazcom 2012 and WHMIS 2015 classification.
Flammable liquids - Category 2
Eye irritation- Category 2A

Label elements

Hazard pictogram(s)



Signal Word

Danger

Hazard statement(s)

Highly flammable liquid and vapor.
Causes serious eye irritation.

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Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.
Keep container tightly closed.
Take precautionary measures against static discharge.
Ground and bond container and receiving equipment.
Use non-sparking tools.
Use explosion-proof electrical and ventilating equipment.
Wash thoroughly after handling.
Wear protective gloves and eye/face protection.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.

In case of fire: Use water fog, dry chemical, CO2 or 'alcohol' foam to extinguish.
Store locked up. Store in a well-ventilated place. Keep cool.

Dispose of in accordance with local regulations.

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 - 55.0**
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	Lidocaine HCl, Monohydrate	6108-05-0	**2.0 - 3.0**
Menthol	Menthol, USP	2216-51-5	**0.1 - 1.0**
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	Benzalkonium chloride	63449-41-2	**<0.1**

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 (CO2). Water or fog spray.

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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

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

Exposure Limits:

Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Ethanol	N/Av	1000 ppm	1000 ppm (1900 mg/m³)	N/Av
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	N/Av	N/Av	N/Av	N/Av
Menthol	N/Av	N/Av	N/Av	N/Av
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	N/Av	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 : Off white liquid.
Odour : Antiseptic odor.
Odour threshold : Not available.
pH : Not available.
Melting Point/Freezing point : Not available.

Initial boiling point and boiling range
: Not available.

Flash point : 15.7°C (60.3°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.

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Vapour density : Not available.
Relative density / Specific gravity
: 0.92
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.
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.

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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.
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.

Chemical name	LC_{50}(4hr) inh, rat	LD_{50} (Oral, rat)	LD_{50} (Rabbit, dermal)
Ethanol	> 32 380 ppm (61 mg/L) 4 hours (vapour)	7060 mg/kg	> 15 800 mg/kg
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	N/Av	N/Av	N/Av
Menthol	N/Av	3300 mg/kg	N/Av
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	N/Av	1420mg/kg	N/Av

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:

Ingredients	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Ethanol	64-17-5	> 100 mg/L Fathead minnow (Pimephales promelas)	N/Av	N/Av

Ingredients	CAS #	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

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Ingredients	CAS #	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

Persistence and degradability : Not available.

Bioaccumulation potential : Not available.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Ethanol (CAS 64-17-5)	- 0.31	N/Av
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate (CAS 6108-05-0)	N/Av	N/Av
Menthol (CAS 2216-51-5)	N/Av	N/Av

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.

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SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN1170	ETHANOL SOLUTION	New LTD QTY	II	
49CFR/DOT Additional information	May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Litre, in packages not exceeding 30 kg gross mass.				
ICAO/IATA	UN1170	Ethanol Solution	LQ air	II	
ICAO/IATA Additional information	Refer to ICAO/IATA Packing Instruction May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Litre, in packages not exceeding 30 kg gross mass.				
IMDG	UN1170	ETHANOL SOLUTION	LQ ground	II	
IMDG Additional information	Consult the IMDG regulations for exceptions. EmS No. F-E,S-D				
TDG	UN1170	ETHANOL SOLUTION	LQ ground	II	
TDG Additional information	May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Litre, in packages not exceeding 30 kg 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:

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Ingredients	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	N/Ap	N/Ap	No	N/Ap
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	6108-05-0	NL	None.	N/Av	No	N/Ap
Menthol	2216-51-5	Yes	None.	N/Av	No	N/Ap
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: Flammable;Eye irritation;

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	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
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	6108-05-0	No	N/Ap	No	No	No	No	No	No
Menthol	2216-51-5	No	N/Ap	No	No	No	No	No	No
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	No	N/Ap	No	No	No	No	No	No

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:

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Ingredients	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
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	6108-05-0	N/Av	Present	N/Av	N/Av	N/Av	N/Av	HSR003752
Menthol	2216-51-5	218-690-9	Present	Present	(3)-2333	KE-24409	Present	HSR003330
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	264-151-6	Present	Present		KE-05-1137	Present	HSR003940

SECTION 16. OTHER INFORMATION

Legend : ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstract Services
CEPA: Canadian Environmental Protection Act
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
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
PEL: Permissible exposure limit
PPE: Personal Protective Equipment
SARA: Superfund Amendments and Reauthorization Act
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

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, CCInfoWeb databases
4. Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists
6. California Proposition 65 List
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

Preparation Date (mm/dd/yyyy) : 05/15/2017

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Revision No. : 2
Revision Information : 2. HAZARDS IDENTIFICATION 14. TRANSPORT INFORMATION
Other special considerations for handling
: Provide adequate information, instruction and training for operators.

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