

Safetec® Sting Relief (Spray)

SDS Revision Date (mm/dd/yyyy): 12/06/2024

Page 1 of 11

**SAFETY DATA SHEET****SECTION 1. IDENTIFICATION****Product identifier used on the label**: **Safetec® Sting Relief (Spray)****Other means of identification** : 9900039

Bottles:2.0 oz,

**Recommended use of the chemical and restrictions on use**

: Personal Care Applications

Restrictions on use :Keep out of reach of children.

**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.

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). Classification:

Flammable liquids - Category 2

Eye irritation- Category 2A

Physical Hazards Not Otherwise Classified (PHNOC) :Not applicable

Health Hazards Not Otherwise Classified (HHNOC) :Not applicable

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

Danger

*Hazard statement(s)*Highly flammable liquid and vapor.  
Causes serious eye irritation.

Safetec® Sting Relief (Spray)

SDS Revision Date (mm/dd/yyyy): 12/06/2024

Page 2 of 11

**SAFETY DATA SHEET***Precautionary statement(s)*

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking  
Keep container tightly closed.  
Take action to prevent static discharges.  
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, CO<sub>2</sub> 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

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS #</b>	<b>Concentration (% by weight)</b>
<b>Ethanol</b>	Alcohol Ethyl alcohol	64-17-5	<b>50.0 - 55.0</b>
<b>Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate</b>	Lidocaine HCl, Monohydrate	6108-05-0	<b>2.0 - 3.0</b>
<b>Menthol</b>	Menthol, USP	2216-51-5	<b>0.1 - 1.0</b>
<b>Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides</b>	Benzalkonium chloride	63449-41-2	<b>&lt;0.1</b>

**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.

---

**Safetec® Sting Relief (Spray)****SDS Revision Date (mm/dd/yyyy): 12/06/2024**

Page 3 of 11

**SAFETY DATA SHEET***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.

## SAFETY DATA SHEET

### 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
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

##### **Physical State**

: Liquid

##### **Colour**

: Clear, colorless.

##### **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**

: Flammable.

##### **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

Safetec® Sting Relief (Spray)

SDS Revision Date (mm/dd/yyyy): 12/06/2024

Page 5 of 11

**SAFETY DATA SHEET**

**Vapour pressure** : Not available.  
**Relative 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.  
**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.  
**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.

**Safetec® Sting Relief (Spray)**

**SDS Revision Date (mm/dd/yyyy): 12/06/2024**

Page 6 of 11

**SAFETY DATA SHEET**

- Sign and symptoms eyes** : None expected, when used as intended. Direct eye contact may cause irritation.
- 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** : Not available.
- Synergistic materials** : Not available.
- Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<b>Chemical name</b>	<b>LC<sub>50</sub>(4hr) inh, rat</b>	<b>LD<sub>50</sub></b>	
		<b>(Oral, rat)</b>	<b>(Rabbit, dermal)</b>
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** : Not applicable

**SECTION 12. ECOLOGICAL INFORMATION**

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

**Ecotoxicity data:**

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

Safetec® Sting Relief (Spray)

SDS Revision Date (mm/dd/yyyy): 12/06/2024

Page 7 of 11

### SAFETY DATA SHEET

<u>Ingredients</u>	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

<u>Ingredients</u>	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.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethanol	- 0.31	N/Av
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	N/Av	N/Av
Menthol	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.






Safetec® Sting Relief (Spray)

SDS Revision Date (mm/dd/yyyy): 12/06/2024

Page 8 of 11

## SAFETY DATA SHEET

### 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	
<b>49CFR/DOT Additional information</b>	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	ID8000	Consumer Commodity	9	none	 
<b>ICAO/IATA Additional information</b>	Inner container size may not exceed 500 mL. Gross weight per package cannot exceed 30 kg. Follow Packing Instruction Y963.				
IMDG	UN1170	ETHANOL SOLUTION	LQ ground	II	
<b>IMDG Additional information</b>	Consult the IMDG regulations for exceptions. EmS No. F-E,S-D				
TDG	UN1170	ETHANOL SOLUTION	LQ ground	II	
<b>TDG Additional information</b>	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.

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

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

**Safetec® Sting Relief (Spray)**

**SDS Revision Date (mm/dd/yyyy): 12/06/2024**

Page 9 of 11

**SAFETY DATA SHEET**

<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
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:

<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
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:

**Safetec® Sting Relief (Spray)**

**SDS Revision Date (mm/dd/yyyy): 12/06/2024**

Page 10 of 11

**SAFETY DATA SHEET**

<b>Ingredients</b>	<b>CAS #</b>	<b>European EINECs</b>	<b>Australia AICS</b>	<b>Philippines PICCS</b>	<b>Japan ENCS</b>	<b>Korea KECI/KECL</b>	<b>China IECSC</b>	<b>NewZealand IOC</b>
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  
 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  
 N/Av: 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  
 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

**Preparation Date**

: 01/18/2024

**Reviewed Date SDS**

: 06/12/2024

**Revision No.**

: 2

**Revision Information**

: 2. HAZARDS IDENTIFICATION 14. TRANSPORT INFORMATION 9. PHYSICAL AND CHEMICAL PROPERTIES

---

**Safetec® Sting Relief (Spray)****SDS Revision Date (mm/dd/yyyy): 12/06/2024**

Page 11 of 11

**SAFETY DATA SHEET****DISCLAIMER**

The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Safetec of America Inc. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this Safety Data Sheet does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Safetec of America Inc.

**END OF DOCUMENT**