

Safetec Pain Relief Spray

SDS Preparation Date (mm/dd/yyyy): 11/05/2018

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Safetec Pain Relief Spray**

Product Code(s)

: 9900081  
2 fluid ounce spray bottle (58000)

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

Clear, colorless liquid contained in a spray bottle.

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

*Hazard pictogram(s)*

None required under U.S. OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations.

*Signal Word*

None required under OSHA HazCom2012 and 2015 Canadian WHMIS regulations.

*Hazard statement(s)*

None required under OSHA HazCom2012 and 2015 Canadian WHMIS regulations.

*Precautionary statement(s)*

None required under OSHA HazCom2012 and 2015 Canadian WHMIS 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>
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<b>Water</b>	H2O	7732-18-5	<b>45.23</b>
<b>Isopropanol</b>	Isopropyl alcohol 2-Propanol	67-63-0	<b>42.14</b>
<b>Glycerine</b>	Glycerol 1,2,3-Propanetriol Trihydroxypropane	56-81-5	<b>4.99</b>
<b>Menthol</b>	Methol, USP	2216-51-5	<b>6.99</b>
<b>Eucalyptus Oil</b>	Eucalyptus oil citriodora	8008-48-4	<b>0.25</b>
<b>Coconut oil</b>		8001-31-8	<b>0.15</b>
<b>Methyl salicylate</b>		119-36-8	<b>0.15</b>
<b>Oils, peppermint</b>	Peppermint terpenes	8006-90-4	<b>0.15</b>

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : Harmful effects are not expected under normal usage. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Inhalation* : Harmful effects are not expected under normal usage. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- 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

- : Not available.

#### Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquid Category 2

#### 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.

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**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.

### 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>
Water	N/Av	N/Av	N/Av	N/Av
Isopropanol	200 ppm	400 ppm	400 ppm (980 mg/m <sup>3</sup> )	N/Av
Glycerine	N/Av	N/Av	15 mg/m <sup>3</sup> (mist, total particulate); 5 mg/m <sup>3</sup> (mist, respirable fraction)	N/Av
Menthol	N/Av	N/Av	N/Av	N/Av
Eucalyptus Oil	N/Av	N/Av	N/Av	N/Av
Coconut oil	N/Av	N/Av	N/Av	N/Av
Methyl salicylate	N/Av	N/Av	N/Av	N/Av
Oils, peppermint	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.

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pH : Not available.  
Melting/Freezing point : Not available.  
Initial boiling point and boiling range : Not available  
Flash point : >13°C(55°F)  
Flashpoint (Method) : Closed cup  
Evaporation rate (BuAe = 1) : Not available.  
Flammability (solid, gas) : Not applicable.  
Lower flammable limit (% by vol.) : N/Av  
Upper flammable limit (% by vol.) : N/Av  
Oxidizing properties : Not applicable  
Explosive properties : Not explosive  
Vapour pressure : Not available.  
Vapour density : Not available.  
Relative density / Specific gravity : Not available.  
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

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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.

#### 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>
Water	N/Av	>90 mL/kg	N/Av
Isopropanol	17 000 ppm (41.8 mg/L) (vapour)	4720 mg/kg	12 890 mg/kg
Glycerine	> 2.75 mg/L (mist) (No mortality)	27,200 mg/kg	> 18,700 mg/kg
Menthol	N/Av	3300 mg/kg	N/Av
Eucalyptus Oil	N/Av	N/Av	N/Av
Coconut oil	N/Av	>5000 mg/kg	N/Av
Methyl salicylate	N/Av	887 mg/kg	2500 mg/kg
Oils, peppermint	N/Av	2426 mg/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.

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**Ecotoxicity data:**

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Water	7732-18-5	No information available.	No information available.	Not applicable.
Isopropanol	67-63-0	9640 mg/L (Fathead minnow)	N/Av	None.
Glycerine	56-81-5	51,000 - 57,000 mg/L (Rainbow trout)	N/Av	None.
Menthol	2216-51-5	18.9 mg/L (Fathead minnow)	N/Av	None.
Eucalyptus Oil	8008-48-4	N/Av	N/Av	None.
Coconut oil	8001-31-8	N/Av	N/Av	None.
Methyl salicylate	119-36-8	N/Av	N/Av	None.
Oils, peppermint	8006-90-4	N/Av	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Water	7732-18-5	No information available.	No information available.	Not applicable.
Isopropanol	67-63-0	> 10 000 mg/L/24hr (Daphnia magna)	30 mg/L	None.
Glycerine	56-81-5	1851 - 2068 mg/L (Daphnia magna)	N/Av	None.
Menthol	2216-51-5	N/Av	N/Av	None.
Eucalyptus Oil	8008-48-4	N/Av	N/Av	None.
Coconut oil	8001-31-8	N/Av	N/Av	None.
Methyl salicylate	119-36-8	24 Hr EC50 Daphnia magna: 50 mg/L	N/Av	None.
Oils, peppermint	8006-90-4	N/Av	N/Av	None.

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<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>
Water	7732-18-5	No information available.	No information available.	Not applicable.
Isopropanol	67-63-0	N/Av	N/Av	None.
Glycerine	56-81-5	77,712 mg/L/96hr (Green algae) (QSAR)	N/Av	None.
Menthol	2216-51-5	N/Av	N/Av	None.
Eucalyptus Oil	8008-48-4	N/Av	N/Av	None.
Coconut oil	8001-31-8	N/Av	N/Av	None.
Methyl salicylate	119-36-8	N/Av	N/Av	None.
Oils, peppermint	8006-90-4	N/Av	N/Av	None.

**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>
Water (CAS 7732-18-5)	N/Av	
Isopropanol (CAS 67-63-0)	0.05	1.0
Glycerine (CAS 56-81-5)	- 1.76	3.162
Menthol (CAS 2216-51-5)	N/Av	N/Av
Eucalyptus Oil (CAS 8008-48-4)	N/Av	N/Av
Methyl salicylate (CAS 119-36-8)	2.55	
Oils, peppermint (CAS 8006-90-4)	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	UN1219	ISOPROPANOL	LQ ground	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.				
IMDG	UN1219	ISOPROPANOL; or ISOPROPYL ALCOHOL	LQ	II	
<b>IMDG 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.				
TDG	UN1219	ISOPROPANOL	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.				
ICAO/IATA	UN1219	Isopropyl alcohol	3	II	 
<b>ICAO/IATA Additional information</b>	Refer to ICAO/IATA Packing Instruction .				

**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.

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

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



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<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
Water	7732-18-5	Yes	N/Ap	N/Av	No	N/Ap
Isopropanol	67-63-0	Yes	None.	None.	Yes	1%
Glycerine	56-81-5	Yes	None.	None.	No	N/Ap
Menthol	2216-51-5	NL	N/Ap	N/Av	No	N/Ap
Eucalyptus Oil	8008-48-4	NL	None.	None.	No	N/Ap
Coconut oil	8001-31-8	Yes	N/Ap	N/Av	No	N/Ap
Methyl salicylate	119-36-8	Yes	N/Ap	N/Av	No	N/Ap
Oils, peppermint	8006-90-4	Yes	N/Ap	N/Av	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
Water	7732-18-5	No	N/Ap	No	No	No	No	No	No
Isopropanol	67-63-0	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Glycerine	56-81-5	No	N/Ap	No	Yes	Yes	No	Yes	Yes
Menthol	2216-51-5	No	N/Ap	No	No	No	No	No	No
Eucalyptus Oil	8008-48-4	No	N/Ap	No	Yes	No	Yes	No	No
Coconut oil	8001-31-8	No	N/Ap	No	No	No	No	No	No
Methyl salicylate	119-36-8	No	N/Ap	No	No	No	No	Yes	Yes
Oils, peppermint	8006-90-4	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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<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Water	7732-18-5	231-791-2	Present	Listed	Listed	KE-35400	Present	Listed
Isopropanol	67-63-0	200-661-7	Present	Present	(2)-207	KE-29363	Present	HSR001180
Glycerine	56-81-5	200-289-5	Present	Present	(7)-338; (2)-242	KE-29297	Present	May be used as a single component chemical under an appropriate group standard.
Menthol	2216-51-5	218-690-9	Present	Present	(3)-2333	KE-24409	Present	HSR003330
Eucalyptus Oil	8008-48-4		N/Av	N/Av	N/Av	N/Av	N/Av	N/Av
Coconut oil	8001-31-8	232-282-8	Present	Present	(2)-669	KE-06159	Present	N/Av
Methyl salicylate	119-36-8	204-317-7	Present	Present	(3)-1585	KE-20378	Present	HSR003181
Oils, peppermint	8006-90-4	N/Av	Present	Present	N/Av	KE-27202	Present	HSR003779

**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/Av: Not Available  
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

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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 2018
- 2. International Agency for Research on Cancer Monographs, searched 2018
- 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2018Chempendium, HSDB and RTECs).
- 4. Material Safety Data Sheets from manufacturer.
- 5. US EPA Title III List of Lists - 2018 version.
- 6. California Proposition 65 List - 2018 version.
- 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,2018.

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**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

<p><b><u>Prepared for:</u></b>          Safetec of America Inc.          887 Kensington Avenue          Buffalo, NY 14215          Telephone: 1-716-895-1822  <a href="http://www.safetec.com">www.safetec.com</a></p>	
<p><b><u>Prepared by:</u></b>          ICC The Compliance Center Inc.          Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada)  <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a></p>	

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