

Safetec® Burn Spray

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Safetec® Burn Spray**

Product Code(s) : Bottles: 1oz, 2oz, 3oz and 4oz

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 colourless liquid.

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>
Propylene glycol	Propane-1,2-diol 1,2-Dihydroxypropane	57-55-6	1.0 - 3.0
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	Lidocaine HCl	6108-05-0	1.0 - 3.0

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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

- : Burning may produce irritating, toxic and obnoxious fumes.

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

- : Not flammable.

#### Hazardous combustion products

- : Carbon oxides.; Nitrogen oxides (NO<sub>x</sub>)

#### 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

- : 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>
Propylene glycol	10 mg/m <sup>3</sup> (AIHA WEEL)	N/Av	N/Av	N/Av
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	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** : Clear colourless liquid.

**Odour** : Not available.

**Odour threshold** : Not available.

**pH** : 6.5

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

##### Initial boiling point and boiling range

: Not available.

**Flash point** : Not flammable.

**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**

: 0.99

**Solubility in water** : Complete

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**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.

##### 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>
Propylene glycol	> 158 mg/L (aerosol)	21 800 mg/kg	20 800 mg/kg
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	N/Av	292mg/kg (mouse)	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:**

<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>
Propylene glycol	57-55-6	46 500 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>
Propylene glycol	57-55-6	43 500 mg/L (Daphnia magna)	N/Av	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>
Propylene glycol	57-55-6	19 000 mg/L/96hr (Green algae)	N/Av	None.

**Persistence and degradability**

: Not available.

**Bioaccumulation potential**

: Not available.

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Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Propylene glycol (CAS 57-55-6)	- 1.41 to - 0.3	<1
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate (CAS 6108-05-0)	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.

### SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated.	not regulated	none	
<b>49CFR/DOT Additional information</b>	None.				
TDG	None.	Not regulated.	not regulated	none	
<b>TDG Additional information</b>	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
<b>ICAO/IATA Additional information</b>	None.				
IMDG	None.	Not regulated.	not regulated	none	
<b>IMDG Additional information</b>	None.				

**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.

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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
Propylene glycol	57-55-6	Yes	None.	None.	No	N/Ap
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	6108-05-0	NL	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: None.

**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
Propylene glycol	57-55-6	No	N/Ap	No	No	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

**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>	<u>CAS #</u>	<u>European EINECs</u>	<u>Australia AICS</u>	<u>Philippines PICCS</u>	<u>Japan ENCS</u>	<u>Korea KECI/KECL</u>	<u>China IECSC</u>	<u>NewZealand IOC</u>
Propylene glycol	57-55-6	200-338-0	Present	Present	(2)-234	KE-29267	Present	May be used as a single component chemical under an appropriate group standard.
Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-, monohydrochloride, monohydrate	6108-05-0	N/Av	Present	N/Av	N/Av	N/Av	N/Av	HSR003752

### 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 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



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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.

<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>	
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