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# SAFETY DATA SHEET

# **SECTION 1. IDENTIFICATION**

Product identifier used on the label

: Safetec Burn Gel

Product Code(s) : Bottles: 4.0 oz

Pouches: 0.125 oz, 0.9 gram

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.

Name, address, and telephone number of the manufacturer:

Refer to supplier

887 Kensington Avenue Buffalo, NY, USA

14215

Supplier's Telephone # : 716-895-1822 **24 Hr. Emergency Tel #** : 1-800-255-3924

### SECTION 2. HAZARDS IDENTIFICATION

### Classification of the chemical

Translucent white gel. Mild 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

Chemical name	Common name and synonyms	CAS#	Concentration (% by weight)
Triethanolamine	2,2',2"-Nitrilotriethanol Tris(2-hydroxyethyl)amine	102-71-6	Proprietary
Propylene glycol	Propane-1,2-diol 1,2-Dihydroxypropane	57-55-6	Proprietary
Menthol	Methol crystals	2216-51-5	Proprietary



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Acetamide, 2-(diethylamino)-N-	Lidocaine	137-58-6	2.0 - 3.0
(2,6-dimethylphenyl)-			

The exact concentrations of the above listed chemicals are being withheld as a trade secret as allowed by 29CFR1910.1200.

#### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

: Harmful effects are not expected under normal usage. In the case of accident or if Ingestion

you feel unwell, seek medical advice immediately (show the label where possible).

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.

If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get Eye contact

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.

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

Vapors are heavier than air and may spread along floors.

# Flammability classification (OSHA 29 CFR 1910.106)

: Not flammable.

#### **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.

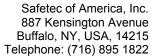
#### **Environmental precautions** : Avoid release to the environment.

### Methods and material for containment and cleaning up

: Wipe up with absorbent material (e.g. cloth, fleece).

### Special spill response procedures

: Not applicable.





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### SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Do not ingest or swallow. Keep away from extreme heat and direct flame. 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

Exposure Limits:				
Chemical Name	ACGIH 1	<u>rlv</u>	OSHA	PEL
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	STEL
Triethanolamine	5 mg/m³	N/Av	N/Av	N/Av
Propylene glycol	10 mg/m³ (AIHA WEEL)	N/Av	N/Av	N/Av
Menthol	N/Av	N/Av	N/Av	N/Av
Acetamide, 2-(diethylamino)-N- (2,6-dimethylphenyl)-	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**: Translucent white gel.

Odour : Mild odor.
Odour threshold : Not available.

**pH** : 6.5

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

Initial boiling point and boiling range

: Not available.

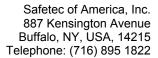
Flash point : >100°C (212°F)
Flashpoint (Method) : Not available.
Evaporation rate (BuAe = 1) : Not available.
Flammability (solid, gas) : Not applicable.

Lower flammable limit (% by vol.)

Not available.

Upper flammable limit (% by vol.)

: Not available.





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Oxidizing properties : Not applicable
Explosive properties : Not explosive
Vapour pressure : Not available.
Vapour density : Not available.

Relative density / Specific gravity

: 1

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:**

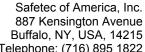
### Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

None expected, when used as intended.

Sign and symptoms ingestion

: None expected, when used as intended.





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Sign and symptoms skin : None expected, when used as intended. Sign and symptoms eyes : None expected, when used as intended.

**Potential Chronic Health Effects** 

Synergistic materials

: 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. : None reported by the manufacturer.

Toxicological data : There is no data available for this product. The calculated ATE values for this mixture

are: ATE oral = >5000 mg/kg

	LC <sub>50</sub> (4hr)	LD <sub>50</sub>	
Chemical name	<u>inh, rat</u>	(Oral, rat)	(Rabbit, dermal)
Triethanolamine	N/Av	6110 mg/kg	> 19 870 mg/kg
Propylene glycol	> 158 mg/L (aerosol)	21 800 mg/kg	20 800 mg/kg
Menthol	N/Av	3300 mg/kg	N/Av
Acetamide, 2-(diethylamino) -N-(2,6-dimethylphenyl)-	N/Av	317 mg/kg	N/Av

# Other important toxicological hazards

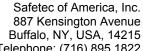
: None known or reported by the manufacturer.

# **SECTION 12. ECOLOGICAL INFORMATION**

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

# Ecotoxicity data:

1		Toxicity to Fish					
<u>Ingredients</u>	CAS No	LC50 / 96h	NOEC / 21 day	M Factor			
Triethanolamine	102-71-6	11 800 mg/L Fathead minnow (Pimephales promelas)	N/Av	N/Av			
Propylene glycol	57-55-6	46 500 mg/L (Fathead minnow)	N/Av	None.			





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<u>Ingredients</u>	CAS No	Toxicity to Daphnia				
		EC50 / 48h	NOEC / 21 day	M Factor		
Triethanolamine	102-71-6	609.88 mg/L Water flea (Ceriodaphnia dubia)	16 mg/L Water flea (Daphnia magna)	N/Av		
Propylene glycol	57-55-6	43 500 mg/L (Daphnia magna)	N/Av	None.		

<u>Ingredients</u>	CAS No	Toxicity to Algae					
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor			
Triethanolamine	102-71-6	512 mg/L/72hr Green algae (Desmondesmus subspicatus)	N/Av	N/Av			
Propylene glycol	57-55-6	19 000 mg/L/96hr (Green algae)	N/Av	None.			

Persistence and degradability

: Not available.

Bioaccumulation potential : Not available.

<u>Components</u>	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Triethanolamine (CAS 102-71-6)	-2.53	<3.9 BCF method: OECD 305C
Propylene glycol (CAS 57-55-6)	- 1.41 to - 0.3	<1
Menthol (CAS 2216-51-5)	N/Av	N/Av
Acetamide, 2-(diethylamino)-N- (2,6-dimethylphenyl)- (CAS 137-58-6)	N/Av	N/Av

Mobility in soil : Not available.

Other Adverse Environmental effects

: None known or reported by the manufacturer.

# SECTION 13. DISPOSAL CONSIDERATIONS

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

**RCRA** : Not applicable.



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# 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	$\bigotimes$
49CFR/DOT Additional information	None.				
TDG	None.	Not regulated.	not regulated	none	$\bigotimes$
TDG Additional information	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	$\bigotimes$
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	$\bigotimes$
IMDG Additional information	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

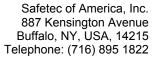
: Not established.

# SECTION 15 - REGULATORY INFORMATION

# **US Federal Information:**

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

<u>Ingredients</u>	TSC		CERCLA Reportable	SARA TITLE III: Sec. 302, Extremely	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical		
	CAS#	Inventory	Quantity(RQ) (40 CFR 117.302):	Hazardous Substance, 40 CFR 355:	Toxic Chemical	de minimus Concentration	
Triethanolamine	102-71-6	Yes	N/Ap	N/Ap	No	N/Ap	
Propylene glycol	57-55-6	Yes	None.	None.	No	N/Ap	
Menthol	2216-51-5	Yes	N/Ap	N/Av	No	N/Ap	
Acetamide, 2- (diethylamino)-N- (2,6-dimethylphenyl)-	137-58-6	Yes	N/Ap	N/Av	No	N/Ap	





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SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: Fire Hazard; Acute Health Hazard 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#	Californ	ia Proposition 65	State "Right to Know" Lists					
	CAS#	Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Triethanolamine	102-71-6	No	N/Ap	No	Yes	Yes	Yes	Yes	Yes
Propylene glycol	57-55-6	No	N/Ap	No	No	Yes	Yes	Yes	Yes
Menthol	2216-51-5	No	N/Ap	No	No	No	No	No	No
Acetamide, 2- (diethylamino)-N- (2,6-dimethylphenyl)-	137-58-6	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:

<u>Ingredients</u>	CAS#	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Triethanolamine	102-71-6	203-049-8	Present	Present	(2)-308	KE-25940	Present	HSR002785
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.
Menthol	2216-51-5	218-690-9	Present	Present	(3)-2333	KE-24409	Present	HSR003330
Acetamide, 2- (diethylamino)-N- (2,6-dimethylphenyl)-	137-58-6	205-302-8	Present	Present	(9)-1510; (3)-273	Listed	Listed	HSR003762

# **SECTION 16. OTHER INFORMATION**

Legend : ACGIH: American Conference of Governmental Industrial Hygienists

CA: California

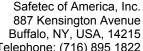
CAS: Chemical Abstract Services

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



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### SAFETY DATA SHEET

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

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 2016 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases,

2016(Chempendium, HSDB and RTECs).

- 4. Material Safety Data Sheets from manufacturer.
- 5. US EPA Title III List of Lists 2016 version.
- 6. California Proposition 65 List 2016 version.
- 7. OECD The Global Portal to Information on Chemical Substances -

eChemPortal,2016.

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# Other special considerations for handling

: Provide adequate information, instruction and training for operators.



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### SAFETY DATA SHEET

### Prepared for:

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www.safetec.com



### Prepared by:

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