

MATERIAL SAFETY DATA SHEET

SAFETEC OF AMERICA May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.	HMIS HAZARD RATING			
	HEALTH	2	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	3	1 = SLIGHT	4 = EXTREME
	REACTIVITY	0	2 = MODERATE	
TRANSPORTATION INFORMATION				
PROPER SHIPPING NAME		Flammable liquid, n.o.s. (Ethanol)		
HAZARD CLASS / PKG. GRP.		3 / II	REF.	173.150(b)(c)
IDENTIFICATION NUMBER		UN1993	LABEL	None Required

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

Safetec Sting Relief™

Page 1 of 2

MANUFACTURER'S NAME

Safetec of America, Inc.

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

ADDRESS (NUMBER, STREET, P.O. BOX)

1055 East Delavan Avenue

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

(CITY, STATE AND ZIP CODE)

Buffalo, NY 14215

DATE PREPARED

June 04, 2001

SUPERSEDES

NA

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	OSHA PEL/STEL		ACGIH TLV/TWA/STEL	
			PPM	MG/M ³	PPM	MG/M ³
Ethyl Alcohol	64-17-5		1000 (PEL)		1000 (TLV)	
Lidocaine HCl	6108-05-0	2	None Established		None Established	
Menthol	2216-51-5		None Established		None Established	

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
EYES: Brief contact may cause mild irritation; prolonged contact may cause moderate irritation associated with redness.	Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists, seek medical attention.
INHALATION: Brief (minutes) inhalation will not cause adverse effects; prolonged and constant inhalation may cause irritation to the upper respiratory tract.	If irritation occurs, remove to fresh air and provide oxygen if breathing is difficult; seek medical attention if required
SKIN: Prolonged or repeated skin contact may cause mild irritation.	If irritation occurs, flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
INGESTION: Small amounts swallowed incidental to normal handling are not likely to cause injury. Swallowing larger amounts may cause injury.	DO NOT induce vomiting; seek immediate medical attention.
HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; chronic effects are possible with the ingestion of large amounts to the nervous system. Do not use on abraded skin.	
CARCINOGENICITY	NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
No additional information	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye or respiratory disorders may become aggravated through prolonged exposure.	

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Page 2 of 2

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SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (TOC) 15.7°C	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: 3.3 UEL: 19
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EXTINGUISHING MEDIAdry chemicals, alcohol-type or all-purpose foam, CO₂**SPECIAL FIRE FIGHTING PROCEDURES**

DO NOT enter confined fire space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots. Wear NIOSH/MSHA approved self contained breathing apparatus. Cool fire exposed containers with water. A water spray may be used to disperse vapors; re-ignition is possible.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Flammable liquid. Concentrated vapors may be flammable.

SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

Small spills may be flushed with large amounts of water; larger spills should be collected with approved absorbent for disposal.

WASTE DISPOSAL METHODS

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container(s) tightly closed when not in use. Store in cool, dry area away from possible sources of ignition. Keep this and other chemicals out of reach of children.

SECTION 6 - EXPOSURE CONTROLS / PERSONAL PROTECTION**RESPIRATORY PROTECTION**

Ordinarily, none required

VENTILATIONLOCAL EXHAUST: Required
MECHANICAL (GENERAL): No**PROTECTIVE GLOVES**

Ordinarily, none required

EYE PROTECTION

Ordinarily, none required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Ordinarily, none required

WORK / HYGIENIC PRACTICES

Practice safe work habits. Use according to label instructions.

SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES**BOILING POINT**

173°F (Based on Ethyl Alcohol)

SPECIFIC GRAVITY (WATER=1)

0.92

VAPOR PRESSURE (mm Hg)

Not Determined

MELTING POINT

Not applicable

VAPOR DENSITY (AIR=1)

Not Determined

pH

Approximately 4.3

SOLUBILITY IN WATER

Complete to moderate

EVAPORATION RATE (n-BUTYL ACETATE=1)

Not Determined

APPEARANCE AND ODOR

Clear liquid.

% VOLATILES (BY WEIGHT)

Not Determined

SECTION 8 - STABILITY AND REACTIVITY**STABILITY**

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID

Extreme temperatures; sources of ignition

INCOMPATIBILITIES (MATERIALS TO AVOID)

Strong oxidizing/reducing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Decomposition will not occur if handled / stored properly. Thermal decomposition may produce carbon monoxide, small amounts of nitrogen oxides, halogenated compounds or propionaldehyde may also be formed.

HAZARDOUS POLYMERIZATION MAY OCCUR:

WILL NOT OCCUR: XXX

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.