

# MATERIAL SAFETY DATA SHEET

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

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)	Page 1 of 2
<b>ANTISEPTIC BIO-HAND CLEANER</b>	
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 February 11, 2004 SUPERSEDES November 14, 2001

## 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 <sup>3</sup>	PPM	MG/M <sup>3</sup>
Ethyl Alcohol	64-17-5	60 - 73	1000 (PEL)		1000 (TLV)	
Acrylic acid	79-10-7	< 0.002*	10 (PEL)		2 (TWA)	

\* Typical amount, not a specification.

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
INHALATION: Brief (minutes) inhalation will not cause adverse effects, although, constant inhalation may cause irritation to upper respiratory tract.	Remove to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.
EYES: Brief contact to gel or vapors 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.
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. Vomiting may be induced only under the supervision of a physician.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established.

CARCINOGENICITY	NTP?	No	IARC MONOGRAPHS?	No	OSHA REGULATED?	No
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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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Date: February 11, 2004

**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED) 81°F (TOC)	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: 3.3 UEL: 19
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**EXTINGUISHING MEDIA**Dry chemicals, alcohol-type or all-purpose foam, CO<sub>2</sub>**SPECIAL FIRE FIGHTING PROCEDURES**

Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors; re-ignition is possible

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS**

Flammable gel. Toxic gases (such as carbon monoxide and formaldehyde) may be released in a fire. 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**

Remove all sources of ignition. Small spills may be flushed with large amounts of water; larger spills should be collected 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. Avoid inhalation of high concentration of vapors. 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

**VENTILATION**LOCAL EXHAUST: Required  
MECHANICAL (GENERAL): Yes**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**

173.8°F

**SPECIFIC GRAVITY (WATER=1)**

0.886

**VAPOR PRESSURE (mm Hg)**

No data

**MELTING POINT**

Not applicable

**VAPOR DENSITY (AIR=1)**

1.59 (ALC.)

**pH**

6.6 - 8.1

**SOLUBILITY IN WATER**

Moderate

**EVAPORATION RATE (n-BUTYL ACETATE=1)**

1.7 (ALC.)

**APPEARANCE AND ODOR**

Translucent light, green gel

**% VOLATILES (BY WEIGHT)**

99.17

**SECTION 8 - STABILITY AND REACTIVITY****STABILITY**UNSTABLE:  
STABLE: XXX**CONDITIONS TO AVOID**

Extreme temperatures; sources of ignition

**INCOMPATIBILITIES (MATERIALS TO AVOID)**

Strong oxidizers; strong acids

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Decomposition will not occur if handled / stored properly. Thermal decomposition may emit typical products of combustion.

**HAZARDOUS POLYMERIZATION**MAY OCCUR:  
WILL NOT OCCUR: XXX**CONDITIONS TO AVOID**

Heat

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.