

# 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>
<b>SAFETEC OF AMERICA</b>	HEALTH 2      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	EMERGENCY TELEPHONE NUMBER (24 Hours)	
Safetec of America, Inc.	(800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR INFORMATION	
887 Kensington Ave.	(716) 895-1822	
(CITY, STATE AND ZIP CODE)	DATE PREPARED	September 1, 2010
Buffalo, NY 14215	SUPERSEDES	September 16, 2009

## 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)	

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: High concentrations of vapor can irritate respiratory tract, are anesthetic and may cause CNS depression.	Move patient to fresh air. Seek immediate medical attention if individual is severely overcome by overexposure to vapors. Overexposure is most likely to occur when dealing with large quantities in an enclosed space with inadequate ventilation.
EYES: Vapor irritates eyes.	Flush eyes immediately with clean water for at least fifteen minutes.
INGESTION: Can cause depression of CNS, nausea, vomiting and/or diarrhea.	If ingested, call a physician immediately.

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Acute effects are possible irritation and discomfort; chronic effects: prolonged inhalation may cause headaches, eye, nose and throat irritation, with possible CNS effects.

CARCINOGENICITY	NTP?	No	IARC MONOGRAPHS?	No	OSHA REGULATED?	No
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**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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**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

EXTINGUISHING MEDIA

Dry chemicals, water spray or alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES

Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

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

Small spills: Eliminate all ignition sources. Ventilate the area. Clean area by flushing with water. Large spills: Eliminate all ignition sources. Ventilate the area. Absorb onto inert medium and collect in an approved container.

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

Handling: All handling equipment should be electrically grounded. Do not allow persons to enter confined areas. Storage: Usual precautions for flammable liquids. Store in dry, cool, well ventilated area away from incompatibles.

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

RESPIRATORY PROTECTION

Ordinary, none required

VENTILATION

LOCAL EXHAUST: Required

MECHANICAL (GENERAL): Yes

PROTECTIVE GLOVES

Ordinary, none required

EYE PROTECTION

Splash proof goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Suitable eyewash facility.

WORK/HYGIENIC PRACTICES

Keep away from all ignition sources.

**SECTION 7 - PHYSICAL/CHEMICAL PROPERTIES**

BOILING POINT

79°C (175°F)

SPECIFIC GRAVITY (WATER = 1)

0.886

VAPOR PRESSURE (mm Hg)

MELTING POINT

Not applicable

VAPOR DENSITY (AIR = 1)

1.59 (ALC)

pH

6.6 - 8.1

SOLUBILITY IN WATER

Complete

EVAPORATION RATE (IPA = 1)

1.7 (ALC)

APPEARANCE AND ODOR

Translucent light, green gel

% VOLATILES (BY VOLUME)

99.17

**SECTION 8 - STABILITY AND REACTIVITY**

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID

Extreme temperatures; sources of ignition.

INCOMPATIBILITIES (MATERIALS TO AVOID)

Avoid strong oxidizing agents such as acetyl chloride, nitric acid and hydrogen peroxide.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon dioxide is formed during 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.