

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.

HMIS HAZARD RATING

SAFETEC OF AMERICA

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 / III	REF.	173.150 (b) (c)
IDENTIFICATION NUMBER	UN1993	LABEL	None Required

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

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ANTISEPTIC BIO-HAND CLEANER

MANUFACTURER'S NAME

Safetec of America, Inc.

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

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

887 Kensington Ave.

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

(CITY, STATE AND ZIP CODE)

Buffalo, NY 14215

DATE PREPARED

September 16, 2009

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/M³

PPM MG/M³

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):

Accute 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

No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

MATERIAL SAFETY DATA SHEETIDENTITY (AS USED ON LABEL AND LIST)
ANTISEPTIC BIO-HAND CLEANERPage 2 of 2
Date: September 16, 2009**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, 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.
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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
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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.