

65947 # 65948

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

HEALTH	0	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	2	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	

SAFETEC OF AMERICA

TRANSPORTATION INFORMATION			
PROPER SHIPPING NAME	Compounds, cleaning liquid (Isopropanol)		
HAZARD CLASS / PKG. GRP.	3 / III	REF.	173.150(b)(c)
IDENTIFICATION NUMBER	NA1993	LABEL	None Required Ground

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

SaniZide™ Germicidal Solution

MANUFACTURER'S NAME

Safetec of America, Inc.

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

1055 East Delavan Avenue

(CITY, STATE AND ZIP CODE)

Buffalo, NY 14215

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

DATE PREPARED

January 11, 1999

SUPERSEDES

December 3, 1998

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SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	ACGIH TLV/TWA/STEL	
			PPM	MG/M ³
Isopropyl Alcohol	67-63-0	8	400 (TLV/TWA), 500 (TLV/STEL)	983 (TLV/TWA), 1230 (TLV/STEL)
Alkyl-dimethyl-benzyl-ammonium chloride	68391-01-5	0.14	None Established	None Established
Alkyl-dimethyl-ethyl benzyl-ammonium chloride	68956-79-6	0.14	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

INHALATION: Brief (minutes) inhalation will not cause adverse effects, although, constant inhalation may cause irritation to upper respiratory tract.

EYES: Brief contact to liquid or vapors may cause mild irritation; prolonged contact may cause moderate irritation associated with redness.

INGESTION: Ingestion of this product may cause irritation to the upper digestive tract and associated symptoms such as headache, dizziness, fatigue and central nervous system depression.

SKIN: Prolonged contact with skin may cause mild skin irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC): This product is not considered a health hazard.

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.

EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.

Flush eyes with clear running water for a minimum of 25 minutes while holding eyelids open; if irritation persists, seek medical attention.

DO NOT induce vomiting; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician.

Wash contaminated skin with mild soap and water; if irritation occurs and persists, seek medical attention.

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Date: January 11, 1999

SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

124°F (TOC)

FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)

LEL: 1.3

UEL: 12

EXTINGUISHING MEDIA

Dry chemicals, alcohol-type or all-purpose foam, CO₂

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 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

Remove all sources of ignition. Avoid prolonged exposure to vapors. Spills should be collected with approved inert absorbent for disposal. Use suitable disposal containers. Report per regulatory requirements.

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, well ventilated 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: Recommended
MECHANICAL (GENERAL): Not required

PROTECTIVE GLOVES

Ordinarily, none required

EYE PROTECTION

Safety glasses or goggles recommended.

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

180.1°F

FREEZING POINT

24.8°F

SPECIFIC GRAVITY (WATER = 1)

0.986

VAPOR PRESSURE (mm Hg)

No data

MELTING POINT

Not applicable

VAPOR DENSITY (AIR = 1)

No data

pH

7.6 - 8.5

SOLUBILITY IN WATER

Complete

EVAPORATION RATE (n-BUTYL ACETATE = 1)

Not applicable

APPEARANCE AND ODOR

Translucent, colorless liquid; mild alcohol odor

% VOLATILES (BY WEIGHT)

99.59

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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; strong bases

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, sparks, open flame, and other sources of ignition.

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.