

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	1	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME
	REACTIVITY	0	2 = MODERATE	
	TRANSPORTATION INFORMATION			
PROPER SHIPPING NAME	Not regulated			
HAZARD CLASS/PKG. GRP.	None/None	REF.	Not Applicable	
IDENTIFICATION NUMBER	None	LABEL	None Required	

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)	Page 1 of 2
SaniZide Plus® Germicidal Solution	
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
Buffalo, NY 14215	September 1, 2011
	SUPERSEDES
	September 1, 2010

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
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	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 victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.
SKIN: Prolonged contact with skin may cause skin irritation.	Wash contaminated skin with mild soap and water; if irritation develops and persists, seek medical attention.
EYES: Brief contact to liquid or vapors may cause moderate irritation; prolonged contact may cause severe irritation associated with burning and redness.	Flush eyes with clear running water for a minimum of 25 minutes while holding eyelids open; if irritation persists, seek medical attention.
INGESTION: Ingestion of product may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	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
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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SaniZide Plus® Germicidal Solution

Page 2 of 2

Date: September 01, 2011

SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

200°F (SETA)

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

LEL: Not Applicable

UEL: Not Applicable

EXTINGUISHING MEDIA

Carbon dioxide (CO₂), water, dry chemicals, synthetic foam. Type BC or ABC extinguishers.

SPECIAL FIRE FIGHTING PROCEDURES

Use self contained breathing apparatus for maximum respiratory protection. Use water spray to cool fire exposed containers and structures.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Vapors can be heavier than air. Strong acids and bases react with aluminum to form hydrogen which is explosive if ignited.

SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

Provide adequate ventilation. Spills should be collected with approved inert absorbent for disposal. Use suitable disposal containers. Material collected with absorbent may be disposed of in a permitted landfill. 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 sources. Keep this and other chemicals out of reach of children.

SECTION 6 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION

Ordinary, none required

VENTILATION

LOCAL EXHAUST: Recommended

MECHANICAL (GENERAL): Not required

PROTECTIVE GLOVES

Use impervious gloves to prevent prolonged contact

EYE PROTECTION

Safety glasses recommended

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Ordinary, none required

WORK/HYGIENIC PRACTICES

Practice safe work habits. Use according to label instructions.

SECTION 7 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT

200°F

SPECIFIC GRAVITY (WATER = 1)

1.01

VAPOR PRESSURE (mm Hg)

Not determined

MELTING POINT

-1.1°C

VAPOR DENSITY (AIR = 1)

>1

pH (1% solution in water)

11-12

SOLUBILITY IN WATER

Complete

EVAPORATION RATE (n-butyl acetate = 1)

Slower than ethyl ether

APPEARANCE AND ODOR

Clear liquid

VOC, US EPA (%)

0

SECTION 8 - STABILITY AND REACTIVITY

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID

Extreme temperatures

INCOMPATIBILITIES (MATERIALS TO AVOID)

Strong oxidizers; anionic materials

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Decomposition will not occur if handled/stored properly. Thermal decomposition may emit nitrous oxides, ammoniacal vapors.

HAZARDOUS POLYMERIZATION MAY OCCUR:

WILL NOT OCCUR: XXX

CONDITIONS TO AVOID

None known

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.