MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communicatio Standard 29 CFR 1910.1200. Standard must be consulted a specific requirements.		HMIS HAZARD RATING						
	HEALTH	1	1		0 = INS	IGNIFICANT	3 =	HIGH
	FLAMM	ABILITY	3		1 = SLI	GHT	4 =	EXTREME
	REACT	IVITY	0		2 = MO	DERATE		
SAFETEC OF AMERICA	A	TRANSPORTATION INFORMATION						
	PROPE	PROPER SHIPPING NAME			Flammable liquid, n.o.s. (Ethanol)			
		HAZARD CLASS / PKG. GRP.		3 / II IDENTIFICATION NUMBER UN199			UN1993	
SECTION 1 - PRODUCT / COMPANY IDENTIFICATION								
IDENTITY (AS USED ON LABEL AND LIST)					Pag	e 1 of 2		
BioZide™ Disinfectant / Deodorant								
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 Avenue @ William L. Gaiter Pkwy.				(716)	895-1822			
(CITY, STATE AND ZIP CODE)				DATE PREPARED September 1, 2004			4	
Buffalo, NY 14215				SUPERSEDES Febru		February	ary 11, 2004	
SECTION 2 - HAZARDOUS INGREE	DIENTS /	IDENTITY	INFO	RMAT	ION			
HAZARDOUS COMPONENTS	CAS#	% (wt.)	OSHA PEL/STEL		ACGIH TLV/TWA/STEL			
(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))		(OPTIONAL)	PF	PM	MG/M ³	PPM		MG/M ³
Ethyl Alcohol	64-17-5	60 - 70	1000	(PEL)		1000 (TLV	<u>/)</u>	
Deionized Water 7	732-18-5	30 - 40	None Established		None	None Established		
2-Phenylphenol	90-43-7		None Established None Est		Establi	shed		
	80-46-6	-46-6 None Established None Es			Establi	shed		

All ingredients in this product are listed in the T.S.C.A. Inventory.

SECTION 3 - HEALTH HAZARD DATA					
ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES				
INHALATION: Prolonged exposure to high vapor concentrations may cause difficult in breathing.	Remove victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.				
EYES: Prolonged contact may cause moderate irritation associated with burning sensation, tearing, redness or swelling.	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 this product may cause vomiting.	DO NOT induce vomiting; seek immediate medical attention.				
SKIN: Prolonged and repeated contact with skin may cause redness.	Wash contaminated skin with mild soap and water for 15 minutes; if irritation occurs and persists, seek medical attention.				
HEALTH HAZARDS (ACUTE AND CHRONIC): May cause did defatting of skin. Effects are reversible. Long term exposure kidney damage. The solvents listed have been reported to aff swallowed. Eye and skin irritant. May irritate respiratory tract contents may be harmful or fatal.	(years) to high concentrations of vapor may cause lung, liver o ect the central nervous system. Aspiration hazard if				
CARCINOGENICITY NTP? No No additional information	IARC MONOGRAPHS? No OSHA REGULATED? No				

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

BioZide™ Disinfectant / Deodorant

Page 2 of 2

Date: September 1, 2004

SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)
71°F (TCC) LEL: 1.8 ND UEL: 9.5 ND

EXTINGUISHING MEDIA

Dry chemicals, water fog, foam, CO₂

SPECIAL FIRE FIGHTING PROCEDURES

Keep containers cool. Use of equipment or shielding required to protect against bursting or venting containers.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Heated cans may burst.

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

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 away from heat, sparks, or open flame. Store at temperatures below 120°F. Toxic to fish, birds and other wildlife.

SECTION 6 - EXPOSURE CONTROLS / PERSONAL PROTECTION						
RESPIRATORY PROTECTION	VENTILATION	LOCAL EXHAUST:	Required			
Use NIOSH approved respirator if TLV limit is exceeded.		MECHANICAL (GENERAL):	Recommended			
PROTECTIVE GLOVES	EYE PROTECTION					
None required if spraying.	Safety glasses or	goggles recommended.				
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	WORK / HYGIENIC PRACTICES					
Long sleeves and Long pants recommended.	Do not smoke while using. Wash hands after use.					

SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES			
BOILING POINT	SPECIFIC GRAVITY (WATER=1)		
ND to 212°F	0.8		
VAPOR PRESSURE (mm Hg)	MELTING POINT		
NA	Not applicable		
VAPOR DENSITY (AIR=1)	PH		
>1	Not available		
SOLUBILITY IN WATER	EVAPORATION RATE (n-BUTYL ACETATE=1)		
Soluble	<1		
APPEARANCE AND ODOR	% VOLATILES (BY WEIGHT)		
Clear; Fragrant	No data		

SECTION 8 - STABILITY AND REACTIVITY

STABILITY

UNSTABLE: CONDITIONS TO AVOID

STABLE: XXX Extreme temperatures; sources of ignition

INCOMPATIBILITIES (MATERIALS TO AVOID)

Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Decomposition will not occur if handled / stored properly. Thermal decomposition will emit carbon dioxide.

HAZARDOUS POLYMERIZATION MAY OCCUR: CONDITIONS TO AVOID

WILL NOT OCCUR: XXX 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.