

# 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>
SAFETEC OF AMERICA	HEALTH <span style="margin-left: 100px;">1</span> <span style="margin-left: 100px;">0 = INSIGNIFICANT</span> <span style="margin-left: 100px;">3 = HIGH</span> FLAMMABILITY <span style="margin-left: 100px;">3</span> <span style="margin-left: 100px;">1 = SLIGHT</span> <span style="margin-left: 100px;">4 = EXTREME</span> REACTIVITY <span style="margin-left: 100px;">0</span> <span style="margin-left: 100px;">2 = MODERATE</span>
	<b>TRANSPORTATION INFORMATION</b>
	PROPER SHIPPING NAME <span style="margin-left: 50px;">Flammable liquid, n.o.s. (Ethanol)</span> HAZARD CLASS / PKG. GRP. <span style="margin-left: 50px;">3 / II</span> <span style="margin-left: 100px;">IDENTIFICATION NUMBER</span> <span style="margin-left: 50px;">UN1993</span>

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) <b>BioZide™ Disinfectant / Deodorant</b>	Page 1 of 2
MANUFACTURER'S NAME Safetec of America, Inc.	EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924
ADDRESS (NUMBER, STREET, P.O. BOX) 887 Kensington Avenue @ William L. Gaiter Pkwy. (CITY, STATE AND ZIP CODE) Buffalo, NY 14215	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822  DATE PREPARED <span style="margin-left: 50px;">January 27, 2009</span> SUPERSEDES <span style="margin-left: 50px;">January 27, 2007</span>

## 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 - 70	1000 (PEL)		1000 (TLV)	
Deionized Water	7732-18-5	30 - 40	None Established		None Established	
2-Phenylphenol	90-43-7		None Established		None Established	
4-tert-Amylphenol	80-46-6		None Established		None Established	

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

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: 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 dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.

CARCINOGENICITY	NTP?	No	IARC MONOGRAPHS?	No	OSHA REGULATED?	No
No additional information						

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

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Page 2 of 2

Date: November 29, 2006

**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED) 71°F (TCC)	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: 1.8 ND UEL: 9.5 ND
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**EXTINGUISHING MEDIA**Dry chemicals, water fog, foam, CO<sub>2</sub>**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**

Use NIOSH approved respirator if TLV limit is exceeded.

**VENTILATION**

LOCAL EXHAUST: Required

MECHANICAL (GENERAL): Recommended

**PROTECTIVE GLOVES**

None required if spraying.

**EYE PROTECTION**

Safety glasses or goggles recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Long sleeves and Long pants recommended.

**WORK / HYGIENIC PRACTICES**

Do not smoke while using. Wash hands after use.

**SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES****BOILING POINT**

ND to 212°F

**SPECIFIC GRAVITY (WATER = 1)**

0.8

**VAPOR PRESSURE (mm Hg)**

NA

**MELTING POINT**

Not applicable

**VAPOR DENSITY (AIR = 1)**

&gt; 1

**PH**

Not available

**SOLUBILITY IN WATER**

Soluble

**EVAPORATION RATE (n-BUTYL ACETATE = 1)**

&lt; 1

**APPEARANCE AND ODOR**

Clear; Fragrant

**% VOLATILES (BY WEIGHT)**

No data

**SECTION 8 - STABILITY AND REACTIVITY****STABILITY**

UNSTABLE:

STABLE: XXX

**CONDITIONS TO AVOID**

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:

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.