

----- (Hazardous Communication Standard)

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1. GENERAL INFORMATION *Microban Hospital Spray*
 PRODUCT NAME: *[Redacted]*
 PRODUCT DESCRIPTION: *Liquid Odor Counteractant*
 CONTACT: UNSMOKE SYSTEMS, INC.
 1135 BRADDOCK AVE.
 BRADDOCK PA 15104
 412-351-8686 - EMERGENCY PHONE NUMBER

II. PHYSICAL PROPERTIES

PHYSICAL STATES: Liquid
 COLOR: White
 ODOR: Fresh & Clean
 REFRACTIVE INDEX @ 20 C: N/A
 SPECIFIC GRAVITY @ 25 C (H2O=1.0): .97
 SOLUBLE IN: Soluble in water

III. PHYSICAL HAZARD DATA

TYPE OF HAZARD: Combustible Liquid
 FLASH POINT-CC (DEG F): 143 Degrees F
 L.F.L.: N/K
 U.F.L.: N/K
 EXTINGUISHING MEDIA: Dry chemicals, foam or carbon dioxide
 SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective, but may be used to cool containers exposed to heat or flames.
 MATERIALS/CONDITIONS TO AVOID: Avoid excessive heat, open flames or other sources of ignition. Avoid contact with strong acids or strong oxidizing agents.
 UNUSUAL FIRE, EXPLOSION AND STABILITY HAZARDS: Dense smoke may occur. Carbon monoxide, carbon dioxide and other oxides may be generated during combustion.

IV. HAZARDOUS INGREDIENTS INFORMATION

2-PROPANOL	CAS #67-63-0	5%
DI ISOBUTYL PHENOXYETHOXY ETHYL DIMETHYL BENZYL AMMONIUM CHLORIDE MONOHYDRATE	CAS #121-54-0	.63%
O-PHENYLPHENOL	CAS #90-43-7	.21%
BROMINE	CAS #7726-95-6	.04%

OCCUPATIONAL EXPOSURE LIMITS

PEL	TLV/TWA	TLV/STEL
400 PPM	400 PPM	500 PPM

INDUSTRIAL OVEREXPOSURE - ROUTES OF ENTRY, SIGNS AND SYMPTOMS, HEALTH EFFECTS:

In humans, one or more of the individual components may cause the following health effects upon:

- EYE CONTACT: Irritation to the eyes upon direct contact.
- SKIN CONTACT: May be irritating to the skin.
- INHALATION: No hazard expected at ambient conditions.
- INGESTION: Do not ingest; small quantities usually not fatal.

V. FIRST AID PROCEDURES

- EYES: Immediately flush eyes with large quantities of water for at least 15 minutes. Seek medical attention.
- SKIN: Wash with soap and water. Flush with large quantities of water.
- INHALATION: Remove to fresh air.
- INGESTION: Do not induce vomiting. If vomiting occurs spontaneously, keep victims head below hips to prevent aspiration into lungs. Get medical attention.

VI. PERSONAL PROTECTION

- EYES: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended.
- RESPIRATORY: In well ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection for vapors may be required.
- EQUIPMENT AND APPAREL: The use of chemical resistant gloves is recommended. Acceptable industrial hygiene practices should be maintained.
- VENTILATION: Provide adequate ventilation. Use local exhaust fan if necessary.

VII. STORAGE AND HANDLING

It is recommended that this material be stored in a well ventilated area avoiding open flames or other sources of ignition.

VIII. SPILL, RELEASE AND WASTE DISPOSAL PROCEDURES

SPILL OR RELEASE: Contain spilled material. Avoid open flames or other sources of ignition. Avoid inhalation of vapors. In a confined, poorly ventilated area, the use of a "NIOSH" approved respirator is recommended. Cover with an inert, non combustible absorbent material and remove to an approved disposal container.

DISPOSAL PROCEDURES: Dispose of in accordance with local, state and federal regulations.

IX. OTHER INFORMATION

HMS RATINGS: HEALTH-1, FLAMMABILITY-2, REACTIVITY-0
PERSONAL PROTECTION-B

D.G.T. CLASS: NON-HAZARDOUS - NO HAZARD TAG NEEDED