Material Safety Data Sheet
Product: CitriCide

IDENTITY MANUFACTURER'S INFORMATION

NFPA Rating: Health-2; Flammability-3; Reactivity-0; Special-

HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B

Manufactured for: HealthLink 3611 St. John's Bluff Rd. So. Ste. 1, Jacksonville, FL 32224

Emergency Response No: 800-535-5053
Information Calls: 800-638-2625

Date Prepared: 01/10/03 Prepared by: PB | DOT Hazard Classification: ORM-D | Identity (trade name as used on label): CitriCide Hospital Disinfectant/Deodorizer

NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1: MATERIAL IDENTIFICATION AND INFORMATION

Components-Chemical Names and Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

	CAS No.	SARA III List	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen ref source**
Ethanol	64-17-5	No	1000	1000	d
Sodium Nitrite	7632-00-0	No	N/E	N/E	d
Ammonium Hydroxide	1336-21-6	No	35	25	d
Isobutane / Propane Blend	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
Methanol	67-56-1	Yes	200	200	d
O-Phenylphenol	90-43-7	Yes	NE	NE	e

WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer.

SECTION 2: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H_20=1): Concentrate Only = 0.880
Vapor Pressure: PSIG @ 70^{0}F (Aerosols): Max: 60	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: Soluble.	Water Reactive: No

Appearance and Odor: Clear, colorless spray, light airy fragrance

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) NON-FLAMMABLE	Auto Ignition Temperature: N/E	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): N/A SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.	EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide and water.	
	Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130^{0}F or the container may rupture.	

SECTION 4: REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE	HAZARDOUS POLYMERIZATION [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Materials to avoid): Oxidants, reducing agents, ammonium salts.	Conditions to avoid: Open flame, welding arcs, heat or sparks.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS:

Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

Eye Contact: Mild Irritation. Skin Contact: Possible Mild irritation Ingestion: Possible chemical pneumonitis if aspired into lungs. Nausea.

CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) Overexposure may cause kidney damage, liver abnormalities and brain damage.

Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.

Skin Contact: Wash with soap and water. If irritated, seek medical attention.

Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION 6: CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.

Protective Gloves: Latex, if skin easily irritated.	Eye Protection: Safety glasses recommended.

Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.

Other Protective Clothing & Equipment: None

Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Take If Material Is Spilled Or Released: Absorbed with suitable medium. Incinerate or landfill according to local, state or Federal regulations. DO NOT FLUSH TO SEWER.

Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130^{0}F.

Other Precautions and/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources. Do not use on polished wood furniture or rayon fabrics

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only