

# Material Safety Data Sheet

VAPACIDE AIR SANITIZER/DISINFECTANT

MICRO-ASEPTIC PRODUCTS, INCORPORATED  
 Manufacturer  
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 Palatine, IL 60067  
 708/358-6303  
 Phone Number (For Information)  
 CHEM-TEL 1-800-255-3924  
 Emergency Phone Number  
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Identity (Trade Name As Used On Label)  
 91-MSD102  
 MSDS Number\*  
 N/A  
 CAS Number\*  
 4-1-91  
 Date Prepared  
 Technical Services Department  
 Prepared By\*  
 Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS – Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Methylene Chloride	25	100	100	e
Ethanol	30	1000	1000	d
Methyl alcohol	4	200	200	d
Isobutane/Propane blend	30	1000	1000	d
Triethylene glycol	7	NE	NE	d
Propylene glycol	4	NE	NE	d
Non-Hazardous Ingredients				
TOTAL	100			

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	0.980
Vapor Pressure (mm Hg and Temperature)	Max. 60	Melting Point	N/A
Vapor Density (Air = 1)	NE	Evaporation Rate (_____ = 1)	NE
Solubility in Water	Soluble	Water Reactive	No
Appearance and Odor	Clear liquid, odor of mint and alcohol.		

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	128°F Closed	Auto-Ignition Temperature	NE	Flammability Limits in Air % by Volume	LEL NE	UEL NE
Extinguisher Media	Foam, dry chemical, CO <sub>2</sub> , water.					
Special Fire Fighting Procedures	Self contained breathing apparatus.					
Unusual Fire and Explosion Hazards	Do not expose container to temperatures above 130° F. or container may explode.					

\*Optional

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid Heat, sparks, open flame
Incompatibility (Materials to Avoid)	None know
Hazardous Decomposition Products	HCl, CO, CO <sup>2</sup> , and small amounts of phosphene and chlorine.
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid None know

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY</b>	<input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	<b>CARCINOGEN LISTED IN</b>	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input checked="" type="checkbox"/> Not Listed
<b>HEALTH HAZARDS</b>	Acute Headache/dizziness, nausea, possible unconsciousness and death if vapor concentration exceeds TLV.				
	Chronic None known				
Signs and Symptoms of Exposure	See above				
Medical Conditions Generally Aggravated by Exposure	May aggravate existing eye, skin, respiratory condition.				
<b>EMERGENCY FIRST AID PROCEDURES</b> - Seek medical assistance for further treatment, observation and support if necessary.					
Eye Contact	Flush with water for 15 minutes. See physician.				
Skin Contact	Wash with soap and water if irritation appears.				
Inhalation	Remove to fresh air. Resuscitate if necessary.				
Ingestion	Drink large volumes of water, induce vomiting.				

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	If vapor concentration exceeds TLV, use NIOSH approved respirator.				
Protective Gloves	None - Unless skin irritated	Eye Protection Safety glasses - Avoid spraying into eyes.			
<b>VENTILATION TO BE USED</b>	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special		
Other Protective Clothing and Equipment	None				
Hygienic Work Practices	Wash hands with soap and water before handling food.				

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material Is Spilled Or Released	Absorb with suitable material and remove.
Waste Disposal Methods	When cans vented to atmospheric pressure through normal use, they pose no disposal hazard.
Precautions to be Taken in Handling and Storage	Do not store above 130° F. Do not puncture or incinerate cans.
Other Precautions and/or Special Hazards	Avoid food contamination. Keep out of reach of children

NFPA Rating	N/A	Health	Flammability	Reactivity	Special	HMIS Rating	N/A	Health	Flammability	Reactivity	Personal Protection
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\*Optional

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Reorder No. 2217-2