

# Material Safety Data Sheet

KLEENASEPTIC Cleaner/Disinfectant

Identity (Trade Name As Used On Label)

91-MSD101

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.

MICRO-ASEPTIC PRODUCTS INCORPORATED

Manufacturer

887 East Wilmette Road

Address

Palatine IL 60067

708/358-6303

Phone Number (For Information)

CHEM-TEL 1-800-255-3924

Emergency Phone Number

Telex\*

## 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
Isopropanol	15	400	400	d
Aqueous Ammonia	1	50	25	d
Ethylene glycol n-butyl ether	3	50	50	d
Isobutane	5	1000	1000	d
Non-Hazardous Ingredients	76			
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	NE
Vapor Density (Air = 1)	NE	Evaporation Rate (_____ = 1)	NE
Solubility in Water	Soluble	Water Reactive	NO

Appearance and Odor White foam, mint/alcohol odor.

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	128° F Cl. cup	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 to temperatures above 130° F. or container may burst.

\*Optional

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid Open flame, welding arcs, high temperatures, sparks,
Incompatibility (Materials to Avoid)	Strong oxidizers
Hazardous Decomposition Products	CO, CO <sup>2</sup>
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid None known

## 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 Respiratory irritation/distress, eye irritation				
	Chronic None				
Signs and Symptoms of Exposure	Headache, vertigo, nausea if vapor exceeds TLV.				
Medical Conditions Generally Aggravated by Exposure	Upper respiratory conditions				
<b>EMERGENCY FIRST AID PROCEDURES</b> - Seek medical assistance for further treatment, observation and support if necessary.					
Eye Contact	Flush with copious amounts of water.				
Skin Contact	Wash with soap and water.				
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 exceeds TLV use NIOSH approved respirator.				
Protective Gloves	None necessary	Eye Protection	Safety glasses recommended		
<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	Flush with water.
Waste Disposal Methods	Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.
Precautions to be Taken in Handling and Storage	Do not store at temperatures above 130° F. Do not puncture or incinerate can.
Other Precautions and/or Special Hazards	Do not spray onto food. Keep out of the reach of children.

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

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Reorder No. 2217-2