



# Material Safety Data Sheet

May be used to comply with OSHA's  
Hazard Communication Standard

## HMIS SYMBOL

HEALTH	1
FLAMMABILITY	3
REACTIVITY	1

## HMIS

SEVERE	4
SERIOUS	3
MODERATE	2
SLIGHT	1
MINIMAL	0

## NFPA

EXTREME	4
HIGH	3
MODERATE	2
SLIGHT	1
INSIGNIFICANT	0

## NFPA SYMBOL

TOXICITY	1	3	FIRE
SPECIAL	1	1	REACTIVITY

**Product:** MARC 107 ROOM SERVICE DISINFECTANT

## Section I - GENERAL INFORMATION

Company	Mid-American Research Chemical Corp.	Telephone No. (402)564-7104	Fax No. (402)563-1290
Address	P O Box 927 Columbus NE 68602-0927	Date 12-19-05	Formula Trade Secret

Info Trac 24 Hour Emergency Telephone No. 1-800-535-5053

## Section II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component	CAS Number	Exposure TLV (Units)	%(Optional)
Ethyl Alcohol	64-17-5	1000 ppm	
Propane/N-Butane	68476-86-8	600 ppm	

## Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	165	Specific Gravity (H <sub>2</sub> O=1)	0.88
Vapor Pressure (mm Hg)	44	Melting Point (° F.)	N/A
Vapor Density (Air=1)	1	Evaporation Rate (Butyl Acetate=1)	>1

Solubility in Water

100%

Appearance and Odor

Clear amber spray. Orange/Citrus odor.

## Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

68°F TOC

Extinguishing Media

Standard chemical fire extinguisher.

Special Fire Fighting Procedures

Self contained breathing apparatus.

Unusual Fire and Explosion Hazards

Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Contains flammable propellant.

N/A = Not Applicable

N/D = Not Determined

(Continued on Reverse Side)

**Section V - REACTIVITY DATA**

Stability	Unstable		Conditions to Avoid
	Stable	<input checked="" type="checkbox"/>	Temperatures above 120°F.
Incompatibility (Materials to Avoid)		Strong oxidizers.	
Hazardous Decomposition or Combustion By-Products None known.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	Temperatures above 120°F.

**Section VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Inhalation <input checked="" type="checkbox"/>	Eyes/Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute & Chronic) (SEE SIGNS AND SYMPTOMS BELOW)			
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
Signs and Symptoms of Overexposure			
<b>INHALATION:</b> May be irritating to mouth, nose and throat leading to sleep and stupor. <b>SKIN:</b> Causes drying and irritation. <b>EYES:</b> Severe irritation. <b>INGESTION:</b> Harmful or fatal depending on amount consumed.			
Medical Conditions Generally Aggravated by Exposure			
None known.			
Emergency and First Aid Procedures			
<b>INHALATION:</b> Remove to fresh air. <b>SKIN OR EYES:</b> Flush with water for 15 minutes. See physician if irritation persists. <b>INGESTION:</b> Induce vomiting. Give copious amount of water and call physician.			

**Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled	
Mop or wipe up spill. Dispose of in accordance with federal, state and local guidelines.	
Waste Disposal Method	
Wrap container and place in trash collection. Do not puncture or incinerate container.	
Precautions to be Taken in Handling and Storing	<b>DO NOT TAKE INTERNALLY.</b>
Store in a cool, dry area. Keep away from heat, flame or sparks.	
Other Precautions	
<b>KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!</b>	

**Section VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)			
N/A			
Ventilation	Local Exhaust <input type="checkbox"/>	Adequate	Mechanical (General) <input type="checkbox"/>
Other	N/A		
Protective Gloves:	Only if repeated contact w/skin occurs.		Eye Protection: Safety glasses recommended whenever chemicals are used.
Other Protective Clothing or Equipment			
N/A			
Work/Hygienic Practices			
Wash hands after use.			

While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.