



# Material Safety Data Sheet

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

## HMIS SYMBOL

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0

## HMIS

SEVERE  
SERIOUS  
MODERATE  
SLIGHT  
MINIMAL

## NFPA

4 EXTREME  
3 HIGH  
2 MODERATE  
1 SLIGHT  
0 INSIGNIFICANT

## NFPA SYMBOL

TOXICITY	1	3	FIRE
SPECIAL			REACTIVITY

**Product:** MARC 305 GLASS CLEANER

## 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 03/28/06	Formula Trade Secret

InfoTrac 24 Hour Emergency No. 1-800-535-5053

## Section II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component	CAS Number	Exposure TLV (Units)	%(Optional)
Isopropyl Alcohol (Isopropanol)	67-63-0	400 ppm	
1-Methoxy-2-Propanol	107-98-2	50 ppm	

## Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	212	Specific Gravity (H <sub>2</sub> O=1)	0.98
Vapor Pressure (mm Hg)	N/D	Melting Point (° F.)	N/A
Vapor Density (Air=1)	N/D	Evaporation Rate (Butyl Acetate=1)	Above 1

Solubility in Water

Complete

Appearance and Odor

Clear blue liquid. Alcohol odor.

## Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

70° F. (TCC)

Extinguishing Media

CO<sub>2</sub>, dry chemical

Special Fire Fighting Procedures

Use water spray to cool exposed containers.

Unusual Fire and Explosion Hazards

Closed containers may rupture; water is ineffective.

N/A = Not Applicable

N/D = Not Determined

(Continued on Reverse Side)

**Section V - REACTIVITY DATA**

Stability	Unstable		Conditions to Avoid
	Stable	<b>X</b>	
Incompatibility (Materials to Avoid)		Strong oxidizers	
Hazardous Decomposition or Combustion By-Products		Carbon oxides	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	

**Section VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Inhalation <input type="checkbox"/>	Skin <b>X</b>	Ingestion <b>X</b>
Health Hazards (Acute & Chronic)			
Irritation to eyes, skin, respiratory and gastrointestinal tract. May be harmful if swallowed.			
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
Signs and Symptoms of Overexposure			
Irritation.			
Medical Conditions Generally Aggravated by Exposure			
Dermatitis			
Emergency and First Aid Procedures			
<b>Eyes:</b> Immediately flush with water for 15 minutes. Get medical attention if irritation persists. <b>Skin:</b> Immediately wash off thoroughly with water. <b>Ingestion:</b> Call a physician.			

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

Steps to be Taken in Case Material is Released or Spilled	
Flush area with water or soak up on solid absorbent. Keep away from ignition sources.	
Waste Disposal Method	
In accordance with government regulations.	
Precautions to be Taken in Handling and Storing	<b>DO NOT TAKE INTERNALLY.</b>
Do NOT store near heat, sparks, or open flame.	
Other Precautions	
<b>KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!</b>	

**Section VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)		
Use with adequate ventilation.		
Ventilation	Local Exhaust <b>X</b>	Mechanical (General) <input type="checkbox"/>
Other		
Protective Gloves:	Rubber	Eye Protection: Goggles
Other Protective Clothing or Equipment		
Work/Hygienic Practices		

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.

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