



Material Safety Data Sheet

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

HMIS SYMBOL

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

HMIS

SEVERE	4
SERIOUS	3
MODERATE	2
SLIGHT	1
MINIMAL	0

NFPA

EXTREME
HIGH
MODERATE
SLIGHT
INSIGNIFICANT

NFPA SYMBOL

2	FIRE
2	TOXICITY
0	REACTIVITY
	SPECIAL

Product: MARC 283 CARPET SPOTTING TOWELS

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 11/19/01	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	67-63-0	400ppm	

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	212° F.	Specific Gravity (H ₂ O=1) @ 70° F.	1.004
Vapor Pressure (mm Hg) @ 70° F.	N/D	Melting Point (° F.)	N/D
Vapor Density (Air=1)	N/D	Evaporation Rate (Butyl Acetate=1)	N/D

Solubility in Water

Complete

Appearance and Odor

Clear liquid with a natural citrus scent on a towelette.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

Liquid phase, 198° F. (PMCC)

Extinguishing Media

Not usually necessary as this product does not readily support combustion. Use extinguishing agent appropriate for fire's fuel source (I.e.-Carbon dioxide, foam, dry chemical.)

Special Fire Fighting Procedures

Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards

None known.

N/A = Not Applicable

N/D = Not Determined

(Continued on Reverse Side)

Section V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		
Incompatibility (Materials to Avoid)			Strong alkalis and oxidizing agents.	
Hazardous Decomposition or Combustion By-Products			Carbon dioxide, carbon monoxide, smoke, soot & various organic oxidation by-products.	
Hazardous Polymerization	May Occur		Conditions to Avoid	None known.
	Will Not Occur	X		

Section VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation <input type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute & Chronic)			
Warning: Causes eye irritation. May cause skin irritation. Inhalation or ingestion of large may cause irritation to nose, throat, and gastrointestinal tract. Follow proper chemical hygiene practices to avoid these hazards.			
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
Signs and Symptoms of Overexposure			
Stinging, redness, burning, tearing, and swelling of eyes. Drying, redness, burning, or cracking of skin. Drowsiness or headache.			
Medical Conditions Generally Aggravated by Exposure			
Pre-existing skin disorders may be aggravated by prolonged or repeated occupational overexposure.			
Emergency and First Aid Procedures			
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. Skin: Flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention immediately if irritation develops and persists. Ingestion: Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting. Call a physician or poison control immediately. Inhalation: Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route.			

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled	
Small spill-Pick up with absorbent material. Large spill-isolate from traffic and ventilate area. Caution, slip hazard. Remove sources of ignition. Wear proper protective gear. Dike to prevent spread; Vacuum or pick up on absorbent. Place in suitable container for proper disposal.	
Waste Disposal Method	Consult local, state, and federal regulations. Triple rinse empty container then offer for recycling, reuse, or reconditioning.
Precautions to be Taken in Handling and Storing	DO NOT TAKE INTERNALLY. Avoid contact with eyes, skin or clothing. Wash contaminated clothing before reuse. Store in a well-ventilated area away from excessive heat, direct sunlight, and other ignition sources.
Other Precautions	
KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!	
Keep container tightly sealed when not in use. Do not contaminate water, food/feed by use or storage.	

Section VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)			
Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.			
Ventilation	Local Exhaust <input type="checkbox"/>	Not usually needed	Mechanical (General) <input checked="" type="checkbox"/>
Other	N/A		
Protective Gloves:	Wear impervious gloves if repeated or prolonged contact is possible.		Eye Protection: If direct contact possible use approved glasses or goggles.
Other Protective Clothing or Equipment			
Not usually necessary. If direct contact is possible wear appropriate (i.e. - apron, boots, etc.)			
Work/Hygienic Practices			
Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.			

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

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