



Material Safety Data Sheet

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

HMIS SYMBOL	
HEALTH	1
FLAMMABILITY	3
REACTIVITY	0

HMIS	NFPA	NFPA SYMBOL
SEVERE	4	EXTREME
SERIOUS	3	HIGH
MODERATE	2	MODERATE
SLIGHT	1	SLIGHT
MINIMAL	0	INSIGNIFICANT

TOXICITY	1	3	FIRE
SPECIAL	0	0	REACTIVITY

Product: **MARC 122 DEICER SPRAY**

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	06/11/93	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)
Alcohol		400 ppm	

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	N/D	Specific Gravity (H ₂ O=1)	0.804
Vapor Pressure (mm Hg) (psig) in can @ 75° F.	90	Melting Point (° F.)	N/A
Vapor Density (Air=1)	N/D	Evaporation Rate (Butyl Acetate=1)	<1

Solubility in Water

Complete

Appearance and Odor

Clear water, white liquid, pleasant nonresidual odor.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

Spray extremely flammable. Conc. 59° F. Tag open cup.

Extinguishing Media

Foam, dry chemical, CO₂

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None

N/A = Not Applicable

N/D = Not Determined

(Continued on Reverse Side)

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Section V - REACTIVITY DATA

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

Section VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation <input checked="" type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input type="checkbox"/>
Health Hazards (Acute & Chronic)			
Irritation			
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
Signs and Symptoms of Overexposure			
Giddiness, irritation			
Medical Conditions Generally Aggravated by Exposure			
None			
Emergency and First Aid Procedures			

Inhalation: Get fresh air. **Skin & Eyes:** Flush with water. **Ingestion:** See physician immediately.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled	
Soak up on appropriate absorbent material or flush with water.	
Waste Disposal Method	
In accordance with government regulations.	
Precautions to be Taken in Handling and Storing	
DO NOT TAKE INTERNALLY.	
Do not store at temperatures above 120° F.	
Other Precautions	
KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!	

Section VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)	
None if not used in a small enclosed area.	
Ventilation	Local Exhaust <input type="checkbox"/> Mechanical (General) <input type="checkbox"/>
Other	Use adequate ventilation
Protective Gloves:	None unless prolonged usage.
Eye Protection:	Goggles if splashing expected.
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.