



Material Safety Data Sheet

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

HMIS SYMBOL	
HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

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

Product: MARC 142 STOMP INSECTICIDE

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 05/17/99	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)
Tetramethrin	7696-12-0	N/A	
Permethrin	52645-53-1	N/A	
Piperonyl Butoxide	51-03-6	N/A	
Petroleum Distillates	64742-47-8	N/A	
Carbon Dioxide	124-38-9	5000ppm	

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	N/A	Specific Gravity (H ₂ O=1)	0.780
Vapor Pressure (mm Hg)	N/A	Melting Point (° F.)	>90.0
Vapor Density (Air=1)	N/A	Evaporation Rate (Butyl Acetate=1)	<1.0

Solubility in Water

Insoluble

Appearance and Odor

Clear, light yellow liquid. Vanilla fragrance.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

192 Closed Cup Flame Extension: <18 inches NFPA 30B Class: 2

Extinguishing Media

Water, Foam, Carbon Dioxide, Dry Chemical.

Special Fire Fighting Procedures

Fire Fighters must use full protective gear and self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Cool containers in the vicinity of fire with water fog. Solvent vapors may cause flashback.

Exposure to temperatures above 120° F. or prolonged exposure to direct sunlight may cause cans to burst.

N/A = Not Applicable

N/D = Not Determined

(Continued on Reverse Side)



Section V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Heat and Open Flame
	Stable	X		
Incompatibility (Materials to Avoid)		Oxidizers		
Hazardous Decomposition or Combustion By-Products		Thermal Decomposition may yield oxides of carbon.		
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

Section VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation <input checked="" type="checkbox"/>	Eyes <input checked="" type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute & Chronic)				
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA'S Regulated <input type="checkbox"/>	

Signs and Symptoms of Overexposure

Eyes: Irritation and redness, tearing, blurred vision. **Skin:** Irritation with prolonged contact.
Inhalation: Respiratory tract irritation, dizziness, weakness, headache, nausea, unconsciousness.
Ingestion: Gastrointestinal irritation, nausea, vomiting, harmful if swallowed.

Medical Conditions Generally Aggravated by Exposure

Emergency and First Aid Procedures

Eyes: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. **Ingestion:** Call a physician or poison control center immediately. Give person several glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. **Skin:** Remove contaminated clothing and launder before re-use. Wash with soap and water. **Inhalation:** Remove person to fresh air. Perform artificial respiration if indicated. Obtain medical assistance.

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Extinguish all sources of ignition and ventilated area. Soak up on inert absorbent material and place in closed container for disposal.

Waste Disposal Method

Consult local environmental authorities. Dispose of empty cans in non-incinerated trash only.

Precautions to be Taken in Handling and Storing

DO NOT TAKE INTERNALLY.

Store in a cool dry place away from heat or open flame. Do not contaminate foodstuff or feed by storage or disposal.

Other Precautions

KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!

Section VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust <input type="checkbox"/>	Mechanical (General) <input type="checkbox"/>
Other		

Protective Gloves:	Rubber	Eye Protection:	Chemical Goggles
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Other Protective Clothing or Equipment

Emergency shower and eye wash station, protective clothing.

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.