



# SAFETY DATA SHEET

Product: MARC 340 TRACKER POWDER FIRE ANT KILLER

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NUMBER AND NAME:** MARC 340 TRACKER POWDER FIRE ANT KILLER

**SDS DATE:** 06/0716

**SUPPLIER:** Mid-American Research Chemical Corp.

**ADDRESS:** P. O. Box 927 Columbus, NE 68602-0927

**PHONE:** 402-564-7104 **FAX:** 403-563-1290

**EMERGENCY PHONE:** InfoTrac 1-800-535-5053

**E-MAIL:** marc@marc1.com **WEBSITE:** www.marc1.com

**RECOMMENDED USE:** Insecticide.

**PREPARED BY:** MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Not classified.

**GHS-US LABELING:** No labeling applicable.

**OTHER HAZARDS:** No additional information available.

**UNKNOWN ACUTE TOXICITY (GHS-US):** Not applicable.

**SIGNAL WORD AND PRECAUTIONARY STATEMENTS:** **CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid contamination of food and feedstuffs.

**POTENTIAL HEALTH EFFECTS:** See Section 11 for more information.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS NUMBER	% WT.	CLASSIFICATION (GHS-US)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS NO. 64742-47-8	1.0 – 5.0	Flam. Liq. 4, H227 Asp. Tox. 1, H304
Pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex.	CAS NO. 8003-34-7	0.5 – 1.5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation, dust, mist), H332

Specific percentages and ingredients may be claimed as a trade secret.

## SECTION 4: FIRST AID MEASURES

**FIRST-AID MEASURES GENERAL:** If you feel unwell, seek medical advice (show the label where possible).

**EYES:** Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you are concerned, irritation develops and persists, or if you feel unwell.

**SKIN:** Rinse skin with water/shower.

**INGESTION:** Rinse mouth with water. **DO NOT INDUCE VOMITING!**

**INHALATION:** Remove the victim into fresh air.



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## **MOST IMPORTANT SYMPTOMS/ EFFECTS, ACUTE & DELAYED:**

**SYMPTOMS/INJURIES:** Not expected to present a significant hazard under anticipated conditions of normal use.

**SYMPTOMS/INJURIES AFTER INHALATION:** May cause respiratory irritation.

**SYMPTOMS/INJURIES AFTER SKIN CONTACT:** Harmful in contact with skin.

**SYMPTOMS/INJURIES AFTER EYE CONTACT:** Direct contact with the eyes is likely irritating. Lacrimation.

**SYMPTOMS/INJURIES AFTER INGESTION:** Gastrointestinal complaints.

**INDICATION OF IMMEDIATE MEDICAL  
ATTENTION & SPECIAL TREATMENT NEEDED:** No additional information available.

## **SECTION 5: FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Water spray. Dry chemical powder. Carbon dioxide.

**FIRE-FIGHTING EQUIPMENT/  
INSTRUCTIONS:** Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Upon combustion: CO and CO<sub>2</sub> are formed.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**EMERGENCY PROCEDURES/  
GENERAL MEASURES:** Isolate from fire, if possible, without unnecessary risk.

**FOR NON-EMERGENCY PERSONNEL:  
PROTECTIVE EQUIPMENT;  
EMERGENCY PROCEDURES:** Protective goggles. Gloves. Protective clothing.  
Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

**FOR EMERGENCY RESPONDERS:  
PROTECTIVE EQUIPMENT;  
EMERGENCY PROCEDURES:** Equip cleanup crew with proper protection.  
Stop leak if safe to do so. Stop release. Ventilate area.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent entry to sewers and public waters.

### **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:**

For containment: Collect spillage.  
Methods for cleaning up: This material and its container must be disposed of in a safe way, and as per local legislation.

**REFERENCE TO OTHER SECTIONS:** No additional information available.



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## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.

**OTHER PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN!

**STORAGE:** Keep container closed when not in use. Store in a cool area. Store in a well-ventilated place.

**SPECIAL RULES ON PACKAGING:** Meet the legal requirements.

**INCOMPATIBLE PRODUCTS:** Oxidizing agent.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS:

Pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

ACGIH	ACGIH TWA (mg/m3)	5 mg/m3
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### APPROPRIATE ENGINEERING CONTROLS/

**VENTILATION:** Use appropriate personal protective equipment when risk assessment indicates this is necessary.

**RESPIRATORY PROTECTION:** N/A.

**EYE/FACE PROTECTION:** Protective goggles.

**SKIN PROTECTION/PROTECTIVE GLOVES:** Gloves.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Protective clothing.

**WORK HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

**PHYSICAL STATE:** Solid  
**FORM:** Fine, white powder  
**COLOR:** White  
**ODOR:** Mild odor  
**ODOR THRESHOLD:** No data available  
**pH:** 6.6 @ 20% (V/V) washed in water  
**MELTING/FREEZING POINT:** No data available  
**INITIAL BOILING POINT/RANGE:** No data available  
**FLASH POINT/METHOD USED:** >200°F TAG Closed Cup  
**RELATIVE EVAPORATION RATE:** No data available  
**FLAMMABILITY (solid, gas):** No data available  
**EXPLOSIVE LIMITS:** No data available  
**EXPLOSIVE PROPERTIES:** No data available  
**OXIDIZING PROPERTIES:** No data available  
**VAPOR PRESSURE:** No data available  
**RELATIVE DENSITY:** No data available  
**RELATIVE VAPOR DENSITY AT 20°C:** No data available  
**SPECIFIC GRAVITY /DENSITY:** 0.304 g/cm3  
**SOLUBILITY IN WATER:** No data available



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LOG POW: No data available  
LOG KOW: No data available  
AUTO-IGNITION TEMPERATURE: No data available  
DECOMPOSITION TEMPERATURE: No data available  
VISCOSITY: No data available  
VISCOSITY KINEMATIC: No data available  
VISCOSITY DYNAMIC: No data available

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** Upon combustion: CO and CO<sub>2</sub> are formed.

**CHEMICAL STABILITY:** No additional information available.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Refer to section 10 - Reactivity above.

**CONDITIONS TO AVOID:** No additional information available.

**INCOMPATIBILITY (MATERIAL TO AVOID):** No additional information available.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**HAZARDOUS POLYMERIZATION:** N/A      **CONDITIONS TO AVOID (POLYMERIZATION):** NA

## SECTION 11: TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** I: Not classified.

<b>M-142 STOMP</b>	
LD50 oral rat	200 mg/kg (Rat)
LD50 inhalation rat (mg/l)	3.4 mg/1/4h (Rat)
ATE CLP (oral)	200.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
ATE CLP (vapors)	3.400 mg/1/4h
ATE CLP (dust, mist)	3.400 mg/1/4h

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</b>	
LD50 dermal rabbit	>5000 mg/kg body weight (Rabbit; Literature)

**SKIN CORROSION/IRRITATION:** Not classified  
pH: 6.6 @ 20% (V/V) washed in water

**SERIOUS EYE DAMAGE/IRRITATION:** Not classified  
pH: 6.6 @ 20% (V/V) washed in water

**RESPIRATORY OR SKIN SENSITIZATION:** Not classified.

**GERM CELL MUTAGENICITY:** Not classified.

**CARCINOGENICITY:** Not classified.

**REPRODUCTIVE TOXICITY:** Not classified.



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<b>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):</b>	Not classified.
<b>SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):</b>	Not classified.
<b>ASPIRATION HAZARD:</b>	Not classified.
<b>SYMPTOMS/INJURIES AFTER INHALATION:</b>	May cause respiratory irritation.
<b>SYMPTOMS/INJURIES AFTER SKIN CONTACT:</b>	Harmful in contact with skin.
<b>SYMPTOMS/INJURIES AFTER EYE CONTACT:</b>	Direct contact with the eyes is likely irritating. Lacrimation.
<b>SYMPTOMS/INJURIES AFTER INGESTION:</b>	Gastrointestinal complaints.

## SECTION 12: ECOLOGICAL INFORMATION

### TOXICITY

#### Pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

LC50 fish 1	0.049 mg/l (96 h; Lepomis macrochirus)
LC50 other aquatic organisms 1	0.011mg/l (96 h; Gammarius sp)
LC50 fish 2	0.009 mg/l (96 h; Ictalurus punctatus)
Threshold limit other aquatic organisms 1	0.011mg/l (96 h; Gammarius sp)

#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

LC50 fish 1	>100 mg/l (Pisces)
EC50 Daphnia 1	>100 mg/l (Invertebrate)
Threshold limit algae 1	>100 mg/l (Algae)

### PERSISTENCE AND DEGRADABILITY

#### Pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

Persistence and degradability	Readily biodegradable in water.
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#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

Persistence and degradability	Readily biodegradable in water. Absorbs into the soil.
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### BIOACCUMULATIVE POTENTIAL

#### Pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)

Log Pow	6.15 (Estimated value)
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#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

Log Pow	6 – 8.2
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD: RECOMMENDATIONS:** Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

<b>CONTAINER SIZES(S):</b>	4 OZ.
<b>PROPER SHIPPING NAME:</b>	INSECTICIDE, N.O.I.
<b>HAZARD CLASS:</b>	N/A
<b>ID NUMBER:</b>	NONE
<b>PACKING GROUP:</b>	NONE
<b>LABEL STATEMENT:</b>	NONE



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## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components of this product are listed, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

PIPERONYL BUTOXIDE	CAS No 51-03-6	7.1 – 13.0
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Pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)	
Listed on SARA Section 313 (Specific toxic chemical listings)	
RQ (Reportable quantity, Section 304 of EPA's List of Lists)	1 lb

**CALIFORNIA PROPOSITION 65** – This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid contamination of food and feedstuffs.

## SECTION 16: OTHER INFORMATION

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

### Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation; dust, mist)	Acute toxicity (inhalation; dust, mist) Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Flam. Liq. 4	Flammable liquids Category 4
Skin Sens. 1	Skin sensitization Category 1
H227	Combustible liquid
H301	Toxic if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin.
H332	Harmful if inhaled

**HMIS/NFPA Ratings:** Health = 2 – Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.  
 Flammability = 1 – Must be preheated before ignition can occur.  
 Reactivity = 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.  
 Other = -  
 Protection = 0

REVISION DATE: 06/07/16  
N/A = Not Applicable, N/D = Not Determined, N/E = Not Established

**DISCLAIMER:** 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.