



# Material Safety Data Sheet

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

### HMIS SYMBOL

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

### HMIS

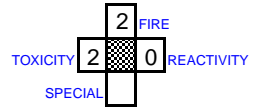
SEVERE  
SERIOUS  
MODERATE  
SLIGHT  
MINIMAL

4  
3  
2  
1  
0

### NFPA

EXTREME  
HIGH  
MODERATE  
SLIGHT  
INSIGNIFICANT

### NFPA SYMBOL



## Product: MARC 57-OT "A TEAM" LIFT STATION 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 03/03/06	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)
Hydrotreated Light Petroleum Distillate	64742-88-7	100 ppm	
d-Limonene	5989-27-5	not est.	

### Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	310	Specific Gravity (H <sub>2</sub> O=1)	0.82
Vapor Pressure (mm Hg)	N/D	Melting Point (° F.)	N/A
Vapor Density (Air=1)	N/D	Evaporation Rate (Butyl Acetate=1)	Low

#### Solubility in Water

None

#### Appearance and Odor

Orange liquid, orange scent.

### Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)  
120°F (TCC) Combustible Liquid.

Extinguishing Media  
Foam, CO<sub>2</sub>, Dry Chemical

Special Fire Fighting Procedures  
Class B fire procedures.

Unusual Fire and Explosion Hazards  
Keep exposed container cool with water. Avoid spreading burning liquid.

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>	N/A
Incompatibility (Materials to Avoid)		Strong oxidizing agents	
Hazardous Decomposition or Combustion By-Products Burning may produce carbon monoxide and dioxide.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	N/A

**Section VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Inhalation <input checked="" type="checkbox"/>	Eyes/Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute & Chronic) May be harmful if inhaled by affecting central nervous system. Irritation to eyes and skin, harmful or fatal if swallowed. Aspiration hazard. May cause fatigue.			
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
Signs and Symptoms of Overexposure Irritation, dizziness, headache, nausea			
Medical Conditions Generally Aggravated by Exposure Lung and skin diseases.			
Emergency and First Aid Procedures <b>Eyes and Skin:</b> Immediately flush with water for 15 minutes. Get medical attention if eye irritation develops. <b>Ingestion:</b> Do not induce vomiting. Call a physician immediately. <b>Inhalation:</b> Get fresh air and medical attention if necessary.			

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

Steps to be Taken in Case Material is Released or Spilled Collect on absorbent or flush area with water. Keep away from ignition sources.	
Waste Disposal Method	
Precautions to be Taken in Handling and Storing	<b>DO NOT TAKE INTERNALLY.</b> Do not store or use near heat, sparks or 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)	
Ventilation	Local Exhaust <input checked="" type="checkbox"/> Mechanical (General) <input type="checkbox"/>
	Other Use with adequate ventilation.
Protective Gloves	Rubber Eye Protection Goggles
Other Protective Clothing or Equipment as required to prevent skin contact	
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.