



Material Safety Data Sheet

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

HMIS SYMBOL

HEALTH	1
FLAMMABILITY	4
REACTIVITY	0

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

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SEVERE 4	EXTREME	
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SLIGHT 1	SLIGHT	
MINIMAL 0	INSIGNIFICANT	

Product: MARC 113 WRITE-OFF VANDALISM MARK REMOVER

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 08/01/02	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)
Toluene	108-88-3	100 ppm	
Diacetone Alcohol	123-42-2	50 ppm	
Isopropyl Alcohol	67-63-0	400 ppm	
Liquified Petroleum Gas	68476-85-7	1000 ppm	

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	~194°F.	Specific Gravity (H ₂ O=1) @75°F.	0.913
Vapor Pressure (mm Hg)	45	Melting Point (° F.)	N/A
Vapor Density (Air=1)	>1	Evaporation Rate (Butyl Acetate=1)	

Solubility in Water

Emulsifiable

Appearance and Odor

Creamy Whit

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)	54o F (T.O.C.)
Extinguishing Media	Foam, CO ₂ , Dry Media.
Special Fire Fighting Procedures	Wear self-contained breathing apparatus and protective clothing. Cool file exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards	Exposure to temperature above 120°F may cause bursting.

N/A = Not Applicable
N/D = Not Determined

(Continued on Reverse Side)

**Section V - REACTIVITY DATA**

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility	(Materials to Avoid)	Avoid contact with strong oxidizing agents.	
Hazardous Decomposition or Combustion By-Products		Carbon dioxide, Carbon Monoxides.	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - HEALTH HAZARD DATA

(s) of Entry:	Inhalation	X	Eyes/Skin	X	Ingestion	X
Health Hazards (Acute and Chronic)						
EYES: May cause slight irritation but does not injure eye tissue.						
SKIN: Frequent or prolonged contact may cause irritation.						
INHALATION: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.						
INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.						
Carcinogenicity:	NTP	<input type="checkbox"/>	IARC Monographs	<input type="checkbox"/>	OSHA Regulated	<input type="checkbox"/>
Signs and Symptoms of Overexposure						
Medical Conditions Generally Aggravated by Exposure						
Emergency and First Aid Procedures	EYES: Flush with large amounts of cool running water or at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately. SKIN: Wash with soap and water. If irritation persists seek medical attention. INHALATION: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration. INGESTION: Do not induce vomiting. Seek medical attention immediately.					

Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled	
Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.	
Waste Disposal Method	Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.
Precautions to be Taken in Handling and Storing	For industrial and institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F.
DO NOT TAKE INTERNALLY.	
Other Precautions	
KEEP OUT OF REACH OF CHILDREN!! READ & FOLLOW LABEL DIRECTIONS!	

Section VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)	
None needed for proper use in accordance with label directions.	
Ventilation	Local Exhaust X As required
	Mechanical (General) <input type="checkbox"/> As required
Other None	
Protective Gloves	Chemical resistant if hand contact made.
Eye Protection	Safety or chemical proof if splash or spray will occur.
Other Protective Clothing or Equipment	
None	
Work/Hygienic Practices	

