



Material Safety Data Sheet

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

HMIS SYMBOL

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0

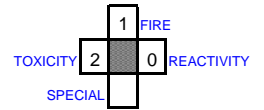
HMIS

SEVERE 4
SERIOUS 3
MODERATE 2
SLIGHT 1
MINIMAL 0

NFPA

EXTREME 4
HIGH 3
MODERATE 2
SLIGHT 1
INSIGNIFICANT 0

NFPA SYMBOL



Product: MARC 319 RAGING BULL GRAFFITI 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 03/29/06	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)
N-Methyl-2-Pyrrolidinone	872-50-4	N/A	
Methyl Soyate	67784-80-9	N/A	
Alcohols, C ₁₂₋₁₈ , Ethoxyl	69227-21-0	N/A	

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	396° F.	Specific Gravity (H ₂ O=1)	0.93
Vapor Pressure (mm Hg) @20° C.	0.29	Melting Point (° F.)	-9
Vapor Density (Air=1)	3.4	Evaporation Rate (Butyl Acetate=1)	0.03

Solubility in Water

Easily soluble in both cold and hot water.

Appearance and Odor

Clear liquid. Mild odor.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

199° F. (TCC)

Extinguishing Media

Small Fire: Use DRY chemicals, CO₂, water spray or foam. Large Fire: Use water spray, fog or foam. DO NOT use water jet.

Special Fire Fighting Procedures

Soaked rags will cause spontaneous combustion if not handled properly. Keep soaked rags in an approved safety container or let dry individually in well ventilated area.

Unusual Fire and Explosion Hazards

Slightly flammable to flammable in presence of open flames, sparks, oxidizing materials, heat, reducing materials and combustible materials.

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

(Continued on Reverse Side)



Section V - REACTIVITY DATA

Stability	Unstable	<input checked="" type="checkbox"/>	Conditions to Avoid
	Stable		
Incompatibility (Materials to Avoid)		Oxidizing gents, organic materials, acids, metals, alkalis, reducing agents.	
Hazardous Decomposition or Combustion By-Products		Carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂)	
Hazardous Polymerization	May Occur	<input checked="" type="checkbox"/>	Conditions to Avoid
	Will Not Occur		

Section VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation <input checked="" type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute & Chronic)			
Very slightly to slightly dangerous in case of ingestion. This product may irritate eyes and skin upon contact.			
Carcinogenicity:	NTP <input type="checkbox"/>	IARC Monographs <input type="checkbox"/>	OSHA Regulated <input type="checkbox"/>
Signs and Symptoms of Overexposure			
There is no known effect from chronic exposure to this product.			
Medical Conditions Generally Aggravated by Exposure			
None known			
Emergency and First Aid Procedures			

Eyes: Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.

Skin: If the chemical contacts clothing, remove contaminated clothes as quickly as possible, protecting hands and body in removal. Immediately place the victim under a deluge shower. If the chemical touches the victim's exposed skin, gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before re-wearing.

Inhalation: Allow the victim to rest in a well ventilated area. Seek medical attention. **Ingestion:** If swallowed, INDUCE VOMITING immediately as directed by medical personnel. NEVER give an unconscious person anything to ingest. Seek medical attention.

PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled	
Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.	
Waste Disposal Method	
According to local, state and federal regulations.	
Precautions to be Taken in Handling and Storing	DO NOT TAKE INTERNALLY. Keep away from heat and sources of ignition. Empty containers pose a fire risk. Do not breathe fumes, vapor or spray. If you feel unwell, seek medical attention and show the label when possible.
Other Precautions	
KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!	
Avoid contact with skin and eyes. Keep containers dry and in a cool, well-ventilated place.	

Section VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)	
Wear appropriate respirator when ventilation is inadequate.	
Ventilation	Local Exhaust <input checked="" type="checkbox"/> Mechanical (General) <input type="checkbox"/>
Other	
Protective Gloves:	Impervious
Eye Protection:	Splash goggles
Other Protective Clothing or Equipment	
Wash hands after handling.	
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.

