



Material Safety Data Sheet

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

HMIS SYMBOL

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0

HMIS

SEVERE
SERIOUS
MODERATE
SLIGHT
MINIMAL

NFPA

4 EXTREME
3 HIGH
2 MODERATE
1 SLIGHT
0 INSIGNIFICANT

NFPA SYMBOL

		3 FIRE	
TOXICITY 1			0 REACTIVITY
		SPECIAL	

Product: MARC 161 SILICONE SPRAY DRY LUBRICANT

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 06/03/05	Formula Trade Secret
Info Trac 24 Hour Emergency Telephone No. 1-800-535-5053			

Section II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component	CAS Number	Exposure TLV (Units)	%(Optional)
Acetone	67-64-1	750 ppm	
Isoparaffinic Hydrocarbon	64741-66-8	400 ppm	
Polydimethylsiloxane	63148-62-9	N/E	
Liquified Petroleum Gas	68476-85-7	1000 ppm	

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (° F.)	~140°F	Specific Gravity (H ₂ O=1)	°F	0.781
Vapor Pressure (mm Hg)	45	Melting Point (° F.)		
Pressure of can (psig @ 70°F)				
Vapor Density (Air=1)	>1	Evaporation Rate (Butyl Acetate=1)		

Solubility in Water

Partial.

Appearance and Odor

Cloudy Liquid, Solvent Odor.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (° F.) (Method Used)

(Of Concentrate Only) ~0°F

Extinguishing Media

Foam, CO₂, Dry Media

Special Fire Fighting Procedures

Wear self-contained apparatus and protective clothing. Cool fire 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

Route(s) of Entry:	Inhalation ☒	Eyes/Skin ☒	Ingestion ☒
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Health Hazards (Acute & Chronic) (SEE SIGNS AND SYMPTOMS BELOW)

Carcinogenicity:	NTP ☐	IARC Monographs ☐	OSHA Regulated ☐
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Signs and Symptoms of Overexposure

EYES: May cause irritation, including stinging, tearing, redness, and swelling. **SKIN:** Frequent or prolonged contact may cause irritation. **INHALATION:** Mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects. **INGESTION:** In large amounts, can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedures

EYES: Flush with large amounts of cool running water for 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 **DO NOT TAKE INTERNALLY.**

For Industrial and Institutional use only. Store in cool, dry area away from heat or open flame. Do not store at temperatures above 120°F.

Other Precautions

KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!**Section VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

None needed for proper use in accordance with label direction.

Ventilation	Local Exhaust ☒	To keep TLV of	Mechanical (General) ☐
	Section II ingredients below acceptable limits.		
Other			

None needed for proper use in accordance with label directions. Use chemical resistant gloves if prolonged contact is expected. **Eye Protection:** Safety or chemical proof glass if splash/spray will occur.

Other Protective Clothing or Equipment

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.