



# SAFETY DATA SHEET

Product: MARC 194 MOLY GREASE

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 194 MOLY EXTREME PRESSURE HIGH TEMPERATURE GREASE**

SDS DATE: 04/26/19

SUPPLIER: Mid-American Research Chemical Corp. ADDRESS: P. O. Box 927 Columbus, NE 68602-0927  
PHONE: 402-564-7104 FAX: 402-563-1290  
EMERGENCY PHONE: InfoTrac 1-800-535-5053  
E-MAIL: marc1@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Lubricant.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Not a hazardous substance or mixture.

GHS LABEL ELEMENTS: None

OTHER HAZARDS: High pressure injection under skin is a medical emergency.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE: Non-hazardous grease mixture. Contains highly refined mineral oil and molybdenum disulfide.

## SECTION 4: FIRST AID MEASURES

**Inhalation:** Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.

**Ingestion:** Wash out mouth with water. Do NOT induce vomiting. Get medical attention if nausea or stomach pains occur.

**Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur. High pressure injection under skin requires immediate medical attention.

**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.

## SECTION 5: FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Use water spray, foam, dry chemical or carbon dioxide.

**UNSUITABLE EXTINGUISHING MEDIA:** Do NOT use water jet.

**SPECIAL FIRE FIGHTING EQUIPMENT FOR FIREFIGHTERS:** Firefighters should wear self-contained breathing apparatus for firefighting if necessary.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, products of incomplete hydrocarbon combustion.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate personal protection equipment (see section 8).

**Environmental precautions:** Recover free product. If small amount, clean residue with soap and water. Otherwise use suitable oil adsorbent. Dispose of material in accordance with all regulations. Keep product out of sewers and watercourses. Advise authorities if large amounts of this product enter waterways or extensive land areas.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.

**Storage:** Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C (150°F), away from strong oxidizers and acids.



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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** Use with adequate ventilation.  
**Eye/face protection:** Safety glasses. Ensure eye bath is to hand.  
**Hand protection:** Protective gloves if prolonged or repeated contact is unavoidable.  
**Skin protection:** No additional protection required beyond normal industrial attire is required.  
**Respiratory protection:** No special measures required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>PHYSICAL STATE:</b>        | Gel                                  |
| <b>COLOR:</b>                 | Grey-black                           |
| <b>ODOR:</b>                  | Mild                                 |
| <b>pH:</b>                    | Not applicable.                      |
| <b>FLASH POINT:</b>           | 230°C (450°F) (Cleveland open cup)   |
| <b>EVAPORATION RATE:</b>      | No data                              |
| <b>VAPOR PRESSURE (mmHg):</b> | No data                              |
| <b>VAPOR DENSITY:</b>         | No data                              |
| <b>SPECIFIC GRAVITY:</b>      | 0.9                                  |
| <b>SOLUBILITY IN WATER:</b>   | Negligible                           |
| <b>VISCOSITY:</b>             | Cone penetration (ASTM D127) 255-265 |

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable  
**Conditions to avoid:** Extreme heat  
**Incompatible materials:** Strong oxidizers  
**Hazardous decomposition products:** Carbon monoxide, carbon dioxide

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute toxicity:** Tests on similar materials indicate low acute toxicity.  
**Skin corrosion/irritation:** No ingredients reported to be irritating or corrosive to skin.  
**Serious eye damage/irritation:** May cause mild redness and discomfort on contact with eyes.  
**Sensitization:** No ingredients reported to be respiratory or skin sensitizers.  
**Germ cell mutagenicity:** No ingredients reported to have mutagenic effects.  
**Carcinogenicity:** No ingredients reported to have carcinogenic effects. No ingredients listed as carcinogenic by ACGIH, OSHA, IARC, or NTP. Highly refined base oil has <3% DMSO extract as measured by IP346.  
**Reproductive toxicity:** No ingredients reported to have reproductive effects.  
**STOT – single exposure:** No ingredients reported to have specific target organ toxicity single exposure effects.  
**STOT – repeated exposure:** Product may remove oils from skin with repeated or prolonged exposure.  
**Aspiration hazard:** Not an aspiration hazard based on physical data.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available for this product regarding toxicity in the environment.  
**Persistence/degradability:** Tests on similar products indicate product is not readily biodegradable, at <10% in 28 days.  
**Mobility:** Floats on water. No data available on mobility in soil.

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable material via licensed waste disposal operator. Follow all applicable regulations.

## SECTION 14: TRANSPORT INFORMATION

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

**CONTAINER SIZES(S):** All  
**PROPER SHIPPING NAME:** Lubricating Oil, Grease or Petroleum Item  
**HAZARD CLASS:** None  
**ID NUMBER:** None  
**PACKING GROUP:** None  
**LABEL STATEMENT:** None



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## SECTION 15: REGULATORY INFORMATION

### US Regulations

No ingredient in this product is listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4). United States inventory (TSCA): All ingredients listed or exempt.

### State Regulations

California Prop 65: No ingredient listed.

Connecticut Carcinogen Reporting: No ingredient listed. Connecticut Hazardous Material Survey: No ingredient listed. Florida substances: No ingredient listed.

Illinois Chemical Safety Act: No ingredient listed.

Illinois Toxic Substances Disclosure to Employee Act: No ingredient listed.

Louisiana Reporting: No ingredient listed. Louisiana Spill: No ingredient listed. Massachusetts Spill: No ingredient listed. Massachusetts Substances: No ingredient listed. Michigan Critical Material: No ingredient listed.

Minnesota Hazardous Substances: No ingredient listed. New Jersey Hazardous Substances: No ingredient listed. New Jersey Spill: No ingredient listed.

New Jersey Toxic Catastrophe Prevention Act: No ingredient listed.

New York Acutely Hazardous Substances: No ingredient listed. New York Toxic Chemical Release Reporting: No ingredient listed.

Pennsylvania RTK Hazardous Substances: No ingredient listed. Rhode Island Hazardous Substances: No ingredient listed.

## SECTION 16: OTHER INFORMATION

**HMIS/NFPA Ratings:** Health = 0  
Flammability = 1  
Reactivity = 0  
Protection = B

**REVISION DATE:** 04/26/19

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