



SAFETY DATA SHEET

Product: MARC 189 ULTRA HI-IMPACT GREASE

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 189 ULTRA HI-IMPACT GREASE**

SDS DATE: 02/27/18

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: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Grease.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE	Gel
COLOR	Dark Green
ODOR	Oily

GHS CLASSIFICATION: Not a hazardous substance or mixture.

GHS LABEL ELEMENT: Not a hazardous substance or mixture.

POTENTIAL HEALTH EFFECTS:

CARCINOGENICITY:

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SIGNAL WORD AND PRECAUTIONARY STATEMENTS: **KEEP OUR OF REACH OF CHILDREN!!**

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE: Mixture

Specific percentages may be claimed as a trade secret.

CHEMICAL NAME	CAS NO.	CONCENTRATION [%]
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	>=70 % - <90%
Mineral Oil Mixture	Not Assigned	>=0.1 % - <1%
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	>=0.1 % - <1%
Quartz (SiO2)	14808-60-7	>=0.1 % - <1%



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SECTION 4: FIRST AID MEASURES

- GENERAL ADVICE:** Move out of dangerous area. show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- EYES:** Immediately flush eyes with water as a precaution. Keep eye wide open while rinsing. Remove contact lenses.
Protect unharmed eye. If eye irritation persists, consult a specialist.
- SKIN:** Wash affected area with soap and water. If irritation persists, call a physician.
- INGESTION:** Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person. If symptoms persist call a physician.
- INHALATION:** Remove to fresh air. If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** N/A

SECTION 5: FIRE FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA:** Dry chemical, water, foam, carbon dioxide (CO₂).
- SPECIFIC EXTINGUISHING METHODS:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- UNSUITABLE EXTINGUISHING MEDIA:** High volume water jet.
- SPECIAL FIRE FIGHTING PROCEDURES/EQUIPMENT:**
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Firefighters should wear self-contained breathing apparatus for firefighting if necessary.
- UNUSUAL FIRE AND SPECIFIC HAZARDS:** Do not allow run-off from fire fighting to enter drains or water courses.
- HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide (CO₂), Carbon Monoxide, Smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- EMERGENCY PROCEDURES:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- PROTECTIVE EQUIPMENT:** Firefighters should wear self-contained breathing apparatus for firefighting if necessary.
Use personal protective devices as stated in Section 8.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.
- ENVIRONMENTAL PRECAUTIONS:** Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.



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SECTION 7: HANDLING AND STORAGE

- GENERAL HANDLING:** Do not breathe vapors/dust. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. For personal protection see Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION.
- OTHER PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE!**
- STORAGE:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations ' working materials must comply with the technological safety standards.
- MATERIALS TO AVOID:** Oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

- ENGINEERING CONTROLS/
VENTILATION:** Use in a well ventilated area.
- RESPIRATORY PROTECTION:** None required in normal use.
- EYE PROTECTION:** Eye wash bottle with pure water. Tightly fitting safety goggles.
- PROTECTIVE GLOVES:** The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- SKIN PROTECTIVE CLOTHING OR EQUIPMENT:** None required in normal use. If needed, impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- WORK HYGIENIC PRACTICES:** Practice good personal hygiene. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE-
PHYSICAL STATE:** Gel
- COLOR:** Dark Green
- ODOR:** Oily
- ODOR THRESHOLD:** No Data Available
- pH:** No Data Available
- MELTING/FREEZING POINT:** Not Applicable
- BOILING POINT / RANGE:** Not Applicable
- FLASH POINT:** 204°C
- EVAPORATION RATE:** No Data Available
- UPPER EXPLOSION LIMIT:** No Data Available
- LOWER EXPLOSION LIMIT:** No Data Available
- VAPOR PRESSURE (mmHg):** <0.01 hPa
- RELATIVE DENSITY:** No Data Available
- DENSITY:** 1 g/cm³
- SOLUBILITY IN WATER:** Negligible
- PARTITION COEFFICIENT:** No Data Available
- N-OCTANOL/WATER:**
- AUTO-IGNITION TEMPERATURE:** Not determined
- THERMAL DECOMPOSITION:** No Data Available



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VISCOSITY:
VISCOSITY, DYNAMIC: No Data Available
VISCOSITY, KINEMATIC: > 10,000 mm²/s (40°C)

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable. No decomposition if stored and applied as directed.

CHEMICAL STABILITY: Stable under normal conditions. No decomposition if stored and applied as directed.

POSSIBILITY OF HAZARDOUS REACTIONS: No decomposition if stored and applied as directed.

CONDITIONS TO AVOID: No data available.

INCOMPATIBILITY (MATERIAL TO AVOID): No data available.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Organic Substances, Carbon oxides.

HAZARDOUS POLYMERIZATION: NA **CONDITIONS TO AVOID (POLYMERIZATION):** NA

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: No data available.

SERIOUS EYE DAMAGE/IRRITATION: No data available.

SKIN CORROSION/IRRITATION: No data available.

RESPIRATORY/SKIN SENSITIZATION: No data available.

GERM CELL MUTAGENICITY: No data available.

CARCINOGENICITY:

PRODUCT

CARCINOGENICITY - ASSESSMENT Not classifiable as a human carcinogen.

REPRODUCTIVE TOXICITY: No data available.

Distillates (petroleum), Hydrotreated light naphthenic:
Mineral Oil Mixture:
Distillates (petroleum), solvent-refined heavy paraffinic:
Quartz (SiO₂):

STOT – SINGLE EXPOSURE: No data available.

STOT – REPEATED EXPOSURE: No data available.

ASPIRATION TOXICITY: No data available.

FURTHER INFORMATION: Remarks: No data available.



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SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL:

PRODUCT

PARTITION COEFFICIENT: Remarks: No data available.
N-OCTANOL/WATER: -

COMPONENTS:

Distillates (petroleum), solvent-refined heavy paraffinic:

PARTITION COEFFICIENT:
N-OCTANOL/WATER: LOG Pow: 5

MOBILITY IN SOIL: No data available.

OTHER ADVERSE EFFECTS: No data available.

PRODUCT

REGULATION: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone – CAA Section 602 Class I Substances

REMARKS: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App A + B).

ADDITIONAL ECOLOGICAL INFORMATION:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

WASTE FROM RESIDUES: The product should not be allowed to enter drains, watercourses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations. Sent to a licensed waste management company.

CONTAMINATED PACKAGING: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

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

CONTAINER SIZES(S): BULK, SPECIAL, TUBES
PROPER SHIPPING NAME: LUBRICATING OIL, GREASE
HAZARD CLASS: NONE
ID NUMBER: NONE
PACKING GROUP: NONE
LABEL STATEMENT: NONE



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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

EPCRA: EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT.

CERCLA REPORTABLE QUANTITY

COMPONENTS	CAS #	COMPONENT RQ (lbs)	CALCULATED PRODUCT RQ (lbs)
xylenes	1330-20-7	100	*

*Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 HAZARD CATEGORIES: No SARA Hazards

SARA 302: No chemicals in this material are subject to the reporting requirements of SRA TITLE III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA TITLE III, Section 313.

CALIFORNIA PROP 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1
 Flammability = 1
 Reactivity = 0
 Other = -
 Protection = -

REVISION DATE: 02/27/18

DISCLAIMER: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.