



Material Safety Data Sheet

Revision Date: 2009-01-07 11:54:27

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MAG 1 HIGH TEMP WHEEL BEARING GREASE
Product Code: MG620014

Emergency Phone: (800) 424-9300 (202) 483-7616 (CHEMTREC)
Poison Control Center: (800) 222-1222
Company: Warren Distribution, Inc.
727 S. 13th St.
Omaha, NE 68102

Information Phone: (800) 825-1235 (402) 341-9397
Revision Number: 6

II. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Distillates, solvent refined heavy paraffinic	90 - 99	64741-88-4	No PEL established
Calcium carbonate	10 - 30	471-34-1	No PEL established

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

III. HAZARDS IDENTIFICATION

Routes of Entry: Eye contact, Skin contact, Ingestion, Inhalation
Target Organs Potentially Affected by Exposure: Nervous System, Kidneys
Medical Conditions Aggravated by Exposure: Kidney disease

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.
Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.
Eye Contact: Can cause minor irritation, tearing and reddening.
Ingestion Irritation: Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
Ingestion Toxicity: Lubricating oils are generally no more than slightly toxic if swallowed.

Long-Term (Chronic) Health Effects:

Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Inhalation: Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.
Skin Contact: Prolonged and repeated contact may result in defatting and drying of the skin that may cause various skin disorders such as dermatitis, folliculitis, or oil acne. Other adverse effects not expected from brief skin contact.

HMIS Ratings:

Health: 1
Flammability: 1
Reactivity: 0



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PPE: B
0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

IV. FIRST-AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

Eyes: Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

Skin Contact: Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If redness, swelling, pain, and/or blisters occur, transport to the nearest medical facility for additional treatment.

Ingestion: Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.

Notes to Doctor: Aspiration during swallowing or vomiting may severely damage the lungs.

V. FIRE FIGHTING MEASURES

Fire Fighting Methods and Protection: Will not burn, no special instructions available. Use methods appropriate for surrounding materials.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment: No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Methods for Clean-up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

VII. HANDLING AND STORAGE

Handling Technical Measures and Precautions: Mildly irritating material. Avoid unnecessary exposure. Minimize dust generation and accumulation

Storage Technical Measures and Conditions: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not expose to extreme temperatures or flames.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

Respiratory Protection: No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required.

Eye Protection: Wear safety glasses when handling this product if there is a likelihood of contact with eyes.



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Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear impervious neoprene gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Neoprene

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
Distillates, solvent refined heavy paraffinic	No TLV		ND
Calcium carbonate	No TLV		ND

IX. PHYSICAL AND CHEMICAL PROPERTIES

pH: ND
Solubility in Water: Minimal; 1-9%
Melting Point: 1082 deg. C
Specific Gravity: 1.27
Bulk Density: 8.345

X. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination
Materials to Avoid/Chemical Incompatibility: Ammonia Aluminum alloys Acids
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.

XI. TOXICOLOGICAL INFORMATION

Component Toxicology Data (NIOSH):

Chemical Name	CAS Number	LD50/LC50
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	Inhalation LC50 Rat: 2.18 mg/L/4H; Oral LD50 Rat:>5000 mg/kg; Dermal LD50 Rabbit:>2000 mg/kg
Carbonic acid, calcium salt (1:1)	471-34-1	Oral LD50 Rat : 6450 mg/kg

XII. ECOLOGICAL INFORMATION

Overview: Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.
Mobility: No data
Persistence: No data
Bioaccumulation: No data
Degradability: No data

XIII. DISPOSAL CONSIDERATIONS

Disposal of Packaging: Recycle containers whenever possible.
Disposal Methods: Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.



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XIV. TRANSPORTATION INFORMATION

DOT & IMDG: NOT RESTRICTED

XV. REGULATORY INFORMATION

TSCA Status: All components of this material are on the US TSCA Inventory or are exempt.

Chemical Name	CAS #	Regulation	% Range
No 313-listed chemicals in this product		SARA 313	

XVI. ADDITIONAL INFORMATION

Disclaimer: This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.