



MATERIAL SAFETY DATA SHEET

IDENTITY (As used on label and list): **MAG 1 SAE 5W 30 MOTOR OIL**

PRODUCT CODE: **MG0453PL ,MG045355, M01ML634, M4229253, M4229326**

NFPA Hazard Identification 0 – Least 1 – Slight 2– Moderate 3 – High 4 - Extreme

Health: 0

Fire: 1

Reactivity: 0

Section I - General Information

Warren Distribution, Inc.
2849 River Road
Council Bluffs, IA 51501
Information (402) 341-9397

Emergency **(402) 677-1331** Chemtrec **(800) 424-9300** Reviewed: **12/31/02**

Section II - Composition/Information on Ingredients

COMPONENT NAME	%	CAS	OSHA PEL	AOGIH TLV
Lubricating Oil Base Stock	85-95	MIXTURE	5mg/m3	N/A
Proprietary Additives	5-10	MIXTURE	5mg/m3	N/A

NON-HAZARDOUS INGREDIENTS

No IARC, NTP, OSHA and ACGIH listed carcinogens.

Section III - Hazards Identification

EYE CONTACT: Contact with eyes may cause eye irritation

SKIN CONTACT: Prolonged or repeated contact may result in skin irritation or dermatitis.

INHALATION: Breathing oil mist in concentrations that exceed the TLV and PEL may result in respiratory discomfort and irritation.

INGESTION: Although this product has a low order of acute toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: May cause skin, eye, or respiratory irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

OTHER HEALTH INFORMATION: None

Section IV - First Aid Procedures

EYE CONTACT: Flush with water for 15 minutes or until irritation stops. Get medical attention if irritation continues.

SKIN CONTACT: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists

INHALATION: If over come by vapor, immediately remove victim to fresh air. If breathing has stopped, administer artificial respiration. Call for medical attention.

INGESTION: DO NOT induce vomiting, call medical attention immediately.

CARCINOGENICITY: This product has not been classified as or probable carcinogen by OSHA, NTP, IARC.

Section V - Fire and Explosion Hazard Data

Flash Point (deg F): 390

Flammable or Explosive Limits (approximate % by volume in air) LEL: 0.9 UEL: 7.0

EXTINGUISHING MEDIA: Use water spray, dry chemical, foam, or carbon dioxide. Use water spray to cool fire exposed containers. Water spray may be used to flush spills away from exposures.

SPECIAL FIRE FIGHTING PROCEDURES: Use self contained breathing apparatus and full turn out gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Water or foam may cause frothing.

Section VI - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Add sand or earthen dike, or other suitable adsorbent to spill area. Keep product out of sewers and waterways by damming or impounding.

Section VII - Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in cool, dry place with adequate ventilation. Do not expose to extreme temperatures or flames.

OTHER PRECAUTIONS: None

Section VIII - Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Use supplied-air respiratory protection in confined spaces if needed.

VENTILATION: Use local exhaust to capture vapor, mists, or fumes. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air.

PROTECTIVE GLOVES: Use neoprene gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION: If splashed into the eyes, flush with water for 15 minutes or until irritation subsides. Get medical attention if irritation persists.

OTHER PROTECTIVE EQUIPMENT: Use neoprene apron and other clothing to prevent prolonged exposure.

WORK PRACTICES/ENGINEERING CONTROLS Keep containers closed when not in use.

PERSONAL HYGIENE: Wash skin thoroughly after contact, before breaks, meals, and at the end of the work period. Wash all contaminated clothing before reuse.

Section IX- Physical/Chemical Characteristics

Boiling Point (deg F): ND	Specific Gravity (H ₂ O=1): .873	Vapor Pressure (mm Hg): <.01
Melting Point (deg F): -35	Vapor Density (Air=1):N/A	Solubility in Water: Insoluble
Evaporation Rate (n-butyl Acetate=1): N/A		

APPEARANCE AND ODOR: Light amber liquid with a mild petroleum odor.

Section X - Reactivity Data

STABILITY: Stable

CONDITIONS TO AVOID: Extreme heat

INCOMPATIBILITY (MATERIALS TO AVOID):
Strong Oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide, aldehydes, and other petroleum decomposition products in the case of incomplete combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

Section XI - Toxicological Information

See Section IV

Section XII - Ecological Information

Do not allow product to reach open waters or storm drains.

Section XIII - Disposal Considerations

WASTE DISPOSAL METHOD: Place in an approved disposal facility in compliance with local regulations.

Section XIV - Transport Information

NOT A REGULATED ITEM ACCORDING TO DOT.

Section XV-Regulatory Information

SARA SECTION 313: This product contains from 0.5 to 1.4 % zinc compounds
WHMIS classification for product: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

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 received from sources outside our company and we believe that 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 safely 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.