

HEALTH: 0  
 FLAMMABILITY: 1  
 REACTIVITY: 0



**MATERIAL SAFETY DATA SHEET**

IDENTITY (As used on label and list): **MAG 1 PREMIUM POWER STEERING FLUID**

PRODUCT CODE: MG31PSPL, MG31PS4P, MG31PSD5, MG31PS12

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: 12/03/04

**Section II - Composition/Information on Ingredients**

COMPONENT NAME	%	CAS	OSHA PEL	ACGIH TLV
Lubricating Oil Base Stock	>99	64742-54-7 or 64742-65-0	5mg/m3*	5mg/m3*
Proprietary Additives	< 1	mixture	5mg/m3*	5mg/mg*

\*Numbers are for oil mist.

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 oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

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

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

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None recognized

**OTHER HEALTH INFORMATION:** None

#### **Section IV - First Aid Procedures**

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

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

**INHALATION:** If overcome by vapor from hot product, immediately remove victim to fresh air. If breathing has stopped, administer artificial respiration. Call for medical attention. If overexposed to oil mist, remove from further exposure.

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

#### **Section V - Fire and Explosion Hazard Data**

Flash Point (deg F): 375 Method Used: COC

Flammable or Explosive Limits (approximate % by volume in air) LEL: n/a UEL: n/a

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

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus may be required.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

#### **Section VI - Accidental Release Measures**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Add sand, earth, or other suitable absorbent 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 a 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 or enclosed space, if needed.

**VENTILATION:** Use local exhaust to capture vapor, mists or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion-proof equipment.

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

**EYE PROTECTION:** Wear goggles if there is likelihood of contact with eye(s).

**OTHER PROTECTIVE EQUIPMENT:** Use neoprene apron or other clothing, if needed, to avoid prolonged or repeated skin contact.

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

**PERSONAL HYGIENE:** Wash skin thoroughly after contact, before breaks and meals, and at the end of the work period. Thoroughly clean contaminated clothing, including shoes, before reuse.

**Section IX- Physical/Chemical Characteristics**

Boiling Point (deg F): n/a      Specific Gravity (H<sub>2</sub>O=1): .88      Vapor Pressure (mm Hg): n/a  
Melting Point (deg F): ND      Vapor Density (Air=1): n/a      Solubility in Water: Insoluble  
Evaporation Rate (n-butyl Acetate=1): n/a

**APPEARANCE AND ODOR:** Light amber liquid, mild petroleum odor.

**Section X - Reactivity Data**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** None

**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. Oxides of phosphorus, sulfur, calcium, zinc, and hydrogen sulfide may also be present.

**HAZARDOUS POLYMERIZATION:** Will not occur

**Section XI - Toxicological Information**

See Section IV

**Section XII - Ecological Information**

**Section XIII - Disposal Considerations**

**WASTE DISPOSAL METHOD:** Place in an appropriate 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 does not contain greater than 1.0% (greater than 0.1% for carcinogenic substances) of any chemical substance listed under SARA Section 313.

**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.