



Printed in the U.S.A. SS94-63

## MATERIAL SAFETY DATA SHEET

IDENTITY (As used on label and list): **MAG1 ALL FLEET SAE 30 DIESEL MOTOR OIL**  
PRODUCT CODE: **MG053022, MG05305G MG053055, MG0530PL, MG053030, MG05304P, M4228997,**  
**M4229250, M4229247**

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

**Health: 0 Fire: 1 Reactivity: 0**

### Section I - General Information

**Cascade Distributing, Inc.**  
2130 Superior Avenue  
Cleveland, Ohio 44114

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             | ACGIH TLV            |
|----------------------------|-------|---------|----------------------|----------------------|
| Lubricating Oil Base Stock | 83-93 | MIXTURE | 5mg/m <sup>3</sup> * | 5mg/m <sup>3</sup> * |
| Proprietary additives      | 7-17  | MIXTURE | 5mg/m <sup>3</sup> * | 5mg/m <sup>3</sup> * |

\*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 is not expected to be acutely toxic, aspiration of liquid into the lungs during ingestion or vomiting may cause chemical pneumonitis.

**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

#### Section IV - First Aid Procedures

**EYE CONTACT:** If splashed into the 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): >430 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 fireexposed containers cool. Water spray may be used to flush spills away from exposures and to disperse vapors from spills or leaks.

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not weld, heat or drill container. Residue may ignite with explosive force if heated sufficiently. Do not use pressure to empty drum or explosion may result.

#### 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 temperature 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, mist or fume, if necessary. 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:** 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 re-use.

#### Section IX- Physical/Chemical Characteristics

Boiling Point (deg F): n/a Specific Gravity (H<sub>2</sub>O=1): .89 Vapor Pressure (mm Hg): n/a

Melting Point (deg F): -15 Vapor Density (Air=1): n/a Solubility in Water: Insoluble

Evaporation Rate (n-butyl Acetate=1): n/a

**APPEARANCE AND ODOR:** Dark brown liquid, 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:** Normal combustion forms carbon dioxide and water vapor and may produce oxides of sulfur, nitrogen, and phosphorus. Incomplete combustion can produce carbon monoxide.

**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 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.