



# Material Safety Data Sheet

Revision Date: 2009-08-28 14:33:39

## I. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MAG 1 FSYN 75W90 6/1QT #62378010#1086 PRECEDED BY MG7590PL  
**Product Code:** MG759FPL

**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:** 1

## II. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Mineral oil	1 - 5	8012-95-1	5 mg/m3 TWA
Long Chain Alkenyl Amine	0.1 - 1	No CAS #	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:** Lungs, Skin, Respiratory Tract, Eyes  
**Medical Conditions Aggravated by Exposure:** Lung disease, Skin disease including eczema and sensitization, Respiratory disease including asthma and bronchitis, Eye disease

### Immediate (Acute) Health Effects by Route of Exposure:

**Inhalation Irritation:** Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.  
**Inhalation Toxicity:** Harmful! Can cause systemic damage (see "Target Organs").  
**Skin Contact:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.  
**Eye Contact:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.  
**Ingestion Irritation:** Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.  
**Ingestion Toxicity:** Harmful if swallowed. May cause systemic poisoning.

### 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 to concentrations above permissible exposure limits, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs").  
**Skin Contact:** Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

### HMIS Ratings:

**Health:** 2



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

## IV. FIRST-AID MEASURES

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**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:** Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this MSDS. Contains a harmful substance. Seek medical help immediately and contact a poison information service. Drink two glasses of water or milk to dilute.

**Notes to Doctor:** No additional first aid information available.

## V. FIRE FIGHTING MEASURES

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**Flammability Summary:** **Combustible at elevated temperatures**

**Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

**Fire and/or Explosion Hazards:** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Fire Fighting Methods and Protection:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

**Hazardous Combustion Products:** Carbon monoxide, Carbon dioxide

**Flash Point:** **171 deg. C, [ 340 deg. F ]**

## VI. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions and Equipment:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

## VII. HANDLING AND STORAGE

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**Handling Technical Measures and Precautions:**

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer. Remove contaminated clothing and wash before reuse. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

**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. Keep away from heat, sparks and flame. Store in a tightly closed container. Store in a cool dry place.

**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Measures:** No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Facilities storing or using this material should be equipped with an eyewash and safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

**Respiratory Protection:** Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Wear a NIOSH approved respirator if any exposure is possible. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Wear goggles and a Face shield.

**Skin Protection:** Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

**Gloves:** No information available.

**Control Parameters:**

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
Mineral oil	5 mg/m <sup>3</sup> TWA (as sampled by a method that does not collect vapor)	(10) mg/m <sup>3</sup> STEL (as sampled by a method that does not collect vapor)	2500 mg/m <sup>3</sup> IDLH
Long Chain Alkenyl Amine	No TLV		ND

OSHA PEL TWA for oil mist is 5 mg/L, ACGIH TLV-TWA for oil mist is 5 mg/L, ACGIH STEL for oil mist is 10 mg/L.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid
<b>Odor:</b>	No data
<b>pH:</b>	ND
<b>Solubility in Water:</b>	Insoluble



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**Specific Gravity:** 0.861  
**Bulk Density:** 7.185  
**Flash Point:** 171 deg. C

## 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:** Chlorine Strong oxidizing agents  
**Hazardous Decomposition Products:** Carbon monoxide Carbon dioxide

## XI. TOXICOLOGICAL INFORMATION

### Component Toxicology Data (NIOSH):

Chemical Name	CAS Number	LD50/LC50
Oil mist, mineral	8012-95-1	Oral LD50 Mouse : 22 gm/kg

## XII. ECOLOGICAL INFORMATION

**Overview:** This material is not expected to be harmful to the ecology.  
**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 in a landfill. Disposal is not likely to be regulated.

## XIV. TRANSPORTATION INFORMATION

DOT & IMDG: NOT RESTRICTED

## XV. REGULATORY INFORMATION

**TSCA Status:** A component (or components) of this product is not listed on the TSCA Inventory of Existing Chemical Substances.  
**NAFTA Tariff Code:** 2710.19.0000

Chemical Name	CAS #	Regulation	% Range
No 313-listed chemicals in this product			
Oil, mineral	8012-95-1	Canadian WHMIS list	1 - 5
Oil, mineral	8012-95-1	Massachusetts RTK List	1 - 5
Mineral oil	8012-95-1	Pennsylvania RTK List	1 - 5

### Consumer Product Safety Improvement Act of 2008 General Conformity Certification:

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer



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Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

### XVI. ADDITIONAL INFORMATION

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**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.