

**MATERIAL SAFETY DATA SHEET**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>COMMON NAME:</b>	Multi-purpose White Grease		
<b>CHEMICAL NAME:</b>	Mixture		
<b>FORMULA:</b>	Mixture		
<b>PRODUCT CAS NO.:</b>	Mixture		
<b>SUPPLIER:</b>	Wagner Electric Corporation/Wagner Brake Subsidiary		
<b>ADDRESS:</b>	6565 Wells Avenue		
<b>CITY, STATE, ZIP:</b>	St. Louis, MO 63133		
<b>PHONE:</b>	(314) 977-0300	Emergency Phone: CHEMTREC 1-800-424-9300	

**2. INGREDIENTS: COMPOSITION/INFORMATION**

INGREDIENT	% WEIGHT	PEL-OSHA	TLV-ACGIH	LD 50/LC 50 ROUTE/SPECIES
Base lubricating oil RTECS No.: PY8038501 CAS No.: 64742-65-0	85-90	None Established	None Established	No Data
Lithium soap mixture RTECS No.: No Data CAS No.: 7620-77-1	5-10	None Established	None Established	No Data
Whitener RTECS No.: No Data CAS No.: Trade Secret	< 1	None Established	None Established	No Data
Antiwear Agent RTECS No.: No Data CAS No.: Trade Secret	< 1	None Established	None Established	No Data

**POTENTIAL HEALTH EFFECTS**

**INHALATION:** Inhalation should not present a problem due to low vapor pressure; however caution should be taken to prevent misting or aerosolization.

**SIGNS AND SYMPTOMS:** Exposure to this product may cause general eye and skin irritation.

**CHRONIC EFFECTS:** Chronic exposure to petroleum products can result in toxicity, characterized by oil droplet formation in the liver and other tissues.

**CARCINOGENICITY:** NTP: No IARC: No OSHA: No

The base lubricating oil in this product is severely solvent refined or severely hydrotreated, or both. Highly refined mineral oils are classified as Group 3 substances, "not classifiable as to their carcinogenicity to humans," by the International Agency for Research on Cancer (IARC).

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**3. FIRST AID MEASURES**

**EYE CONTACT:** Immediately remove contact lenses and flush eyes with large amounts of warm water for 15 minutes. If irritation persists, seek medical attention. If contact with hot product occurs, treat for thermal burns and immediately seek medical attention.

**SKIN CONTACT:** Remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation occurs, seek medical attention. If contact with hot product occurs, submerge injured area in cold water and seek medical attention.

**INHALATION:** If inhalation or aerosolized product occurs, remove victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek medical attention.

**OTHER:** If accidental ingestion occurs, do not induce vomiting. Seek medical attention.

**4. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** Under normal conditions, none required. When aerosolization or misting is anticipated a NIOSH/MSHA-approved dust/mist respirator with organic vapor cartridge should be worn.

**SKIN PROTECTION:** Under normal conditions (single exposures of short duration), none required. If repeated or prolonged contact is anticipated protective gloves, boots, aprons, coveralls, etc. of impervious material should be worn. When handling hot materials, insulated protective clothing should be worn. Contaminated clothing should be appropriately cleaned or disposed of before being reworn.

**EYE PROTECTION:** Splash proof safety goggles and/or face shields should be worn when eye splashes may occur.

**PERSONNEL SAMPLING PROCEDURE:** Air sampling for mineral oil mist: 5.0 um polyvinyl chloride filter (NIOSH 5026)

**ENGINEERING CONTROLS:** General ventilation used in combination with local exhaust as necessary to control air contaminants to at or below the PEL.

**5. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Opaque, Cream white
<b>ODOR:</b>	Mild Petroleum Odor
<b>BOILING POINT:</b>	IBP > 800 degrees Fahrenheit
<b>VAPOR PRESSURE:</b>	Negative at 20 degrees Celsius (mm Hg)
<b>VAPOR DENSITY:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>SPECIFIC GRAVITY:</b>	< 1.0
<b>FREEZING POINT:</b>	No Data
<b>pH:</b>	No Data
<b>% VOLATILE:</b>	No Data

**6. TRANSPORT INFORMATION**

**TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION:**

This product is not classified as hazardous under DOT regulations.

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**7. REGULATORY INFORMATION**

**OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200:**  
This product is not considered hazardous under this rule.

**CERCLA/SUPERFUND, 40 CFR 117, 302:**  
This product contains no Reportable Quantity (RQ) Substances.

**SARA 313 INFORMATION:**  
This product contains no substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

**8. OTHER INFORMATION**

Reason for Issue: Update to new format

Approval Date: 2/1/95

Supersedes Date: 12/28/93

**KEY**

<b>ACGIH:</b>	American Conference of Governmental Industrial Hygienists
<b>DOT:</b>	Department of Transportation
<b>IARC:</b>	International Agency for Research on Cancer
<b>MSHA:</b>	Mine Safety and Health Administration
<b>NIOSH:</b>	National Institute for Occupational Safety and Health
<b>NTP:</b>	National Toxicology Program
<b>OSHA:</b>	Occupational Safety and Health Administration
<b>SARA:</b>	Superfund Amendments and Reauthorization Act

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**WHITE GREASE**

Contains Lubricating oil and lithium soap mixture.

**CAUTION**

May cause skin and eye irritation.

Inhalation of aerosols and mists may have adverse effects.

Combustible when exposed to heat or flames.

Store in cool, well-ventilated area.

Use only non-sparking tools to open containers.

Avoid aerosolization of this product.

Do not eat, drink, or smoke in the work area.

**First Aid:** If inhaled, remove to fresh air and administer oxygen or artificial respiration as indicated. Seek medical attention. If ingestion occurs, do not induce vomiting. Seek medical attention. For skin contact, remove contaminated clothing and wash with soap and water. For eye contact, flush with water for 15 minutes. If irritation occurs/persists, seek medical attention.

For fire use dry chemical, carbon dioxide, or foam.

Water or foam may cause frothing.

For additional information consult appropriate MSDS for this product.