

# MATERIAL SAFETY DATA SHEET

## ALLIED OIL & SUPPLY, INC.

2209 S. 24th Street  
Omaha, NE 68108  
402-344-4343  
800-333-3717  
FAX: 402-344-4360

IDENTITY (As used on label and list):  
**ALLIED SUPER EXTRA DUTY PC MOTOR OIL**  
**ALLIED SUPER EXTRA DUTY 10W-30**

PRODUCT CODE: **PL31LZBU**

### NFPA Hazard Identification

	0 - Least
Health: 0	1 - Slight
Fire: 1	2 - Moderate
Reactivity: 0	3 - High
	4 - Extreme

### Section I - General Information

WPP

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Council Bluffs, IA 51501  
Emergency (402) 344-4343  
Information (402) 341-9397  
Chemtrec (800) 424-9300  
Revised: 05-21-98

### Section II - Hazardous Ingredients

COMPONENT NAME	%	CAS	OSHA PEL
			ACGIH TLV
Lubricating Oil Base Stock	>90	64742-54-7	5mg/m3*
		5mg/m3* or 64742-65-0	
Proprietary additives	<10 mixture	5mg/m3*	5mg/m3*

\* numbers are for oil mist

### Section III - Physical/Chemical Characteristics

Boiling Point (deg F): ND  
Specific Gravity (H<sub>2</sub>O=1): .88  
Vapor Pressure (mm Hg): <.01  
Melting Point (deg F): -30  
Vapor Density (Air=1): n/a  
Solubility in Water : insoluble  
Evaporation Rate (n-butyl Acetate=1): n/a

APPEARANCE AND ODOR: amber to dark brown liquid, mild petroleum odor

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

Flash Point (deg F): 420 Method Used: COC

Flammable or Explosive Limits (approximate % by volume in air) LEL: .9% UEL: 7%

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: Water or foam may cause frothing.

#### **Section V - Reactivity Data**

STABILITY: stable

CONDITIONS TO AVOID: n/a

INCOMPATIBILITY (MATERIALS TO AVOID): strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, sulfur, calcium, copper, magnesium, sodium and hydrogen sulfide may also be present.

HAZARDOUS POLYMERIZATION: will not occur

CONDITIONS TO AVOID: n/a

#### **Section VI - Health Hazard Data**

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: n/a

#### **Section VII - 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 VIII - Precautions for Safe Handling and Use**

**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 diking or impounding.

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

**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:** n/a

### **Section IX - Control Measures**

**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.

This material safety data sheet and the information it contains are 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.