

Material Safety Data Sheet

CODE: 33209

Revised: 03/21/02

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

LUBRICATING SPECIALTIES COMPANY

Product Name: **B & M Trick Shift Transmission Fluid (Blue)**
Chemical Name: Oil, n.o.s. CAS #: Mixture
Common Name: Petroleum Oil

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%
Hydrotreated heavy paraffinic distillate		64742-54-7	<95
zinc compounds			<1

Contains zinc salt of dialkyl dithiophosphoric acid judged not to affect the potential health and environmental impact of the product.
Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z).

SECTION 3 HAZARD IDENTIFICATION

Principle Hazards:

Prolonged or repeated skin contact may cause dermatitis.
See section 11 for complete health hazard information.

Threshold Limits:

The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m³ for oil mists.

Primary Routes of Exposure:

- EYE** May cause eye irritation if splashed into eyes.
- SKIN** Repeated or prolonged contact with skin may cause irritation which may lead to various skin disorders. Avoid prolonged skin contact.
- INHALATION** Inhalation of vapor or oil mist from this product may cause mild irritation of the respiratory system. Use in well ventilated areas.
- ORAL** Ingestion may cause nausea, diarrhea and stomach discomfort.

SECTION 4 FIRST AID MEASURES

- ORAL** DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.
- EYE** Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- SKIN** Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops. Launder contaminated clothing.
- INHALATION** Remove exposed person to fresh air. If breathing is labored, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.

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SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: >200° C (COC) >392° F

May release flammable vapors when heated above flash point.

EXTINGUISHING MEDIA Carbon Dioxide, dry chemical, or foam. Avoid using water.

HAZARDOUS EXPOSURE Carbon monoxide and asphyxiants.

SPECIAL FIRE PROCEDURES Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see PPE section 8 & 16. Remove sources of ignition. Prevent entry into sewers and waterways. Contain release, pick up free liquid for recycling or disposal. Residual liquid can be absorbed with inert material. Check DOT/CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterway and sewer systems.

SECTION 7 HANDLING AND STORAGE

HANDLING Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources.

STORAGE Store in closed containers of proper construction. Store away from ignition sources and in areas of good ventilation.

SECTION 8 EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS TLV = 5 mg/m³ as oil mist

VENTILATION Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.

GLOVES Use nitrile or neoprene gloves are recommended.

EYE PROTECTION Safety glasses, goggles, or face shield are recommended.

RESPIRATORY Use NIOSH/MSHA approved respirator with organic vapor cartridge and dust/mist cartridge is recommended exposure limit is exceeded. Self-contained breathing apparatus is recommended for confined space entry.

CLOTHING Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	blue oily liquid	Ph:	n/d
BOILING POINT:	>300° C	SOLUBILITY:	negligible
EVAPORATION POINT:	less than ether	SPECIFIC GRAVITY:	0.8580
FLAMMABILITY:	N/A	VAPOR DENSITY:	heavier than air
FLASH POINT:	>200° C	VAPOR PRESSURE:	<0.01mm Hg @ 20° C
ODOR:	petroleum	VOC, %:	nil

SECTION 10 STABILITY AND REACTIVITY

STABILITY	Material is normally stable at ambient temperature and pressure.
CONDITIONS TO AVOID	Oxidizing agents. Do not heat above the flash point.
POLYMERIZATION	Will not occur.
DECOMPOSITION	Carbon dioxide, carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

ORAL TOXICITY	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
EYE IRRITATION	Not expected to cause eye irritation.
SKIN IRRITATION	Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.
CARCINOGENIC	This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

SECTION 12 ECOLOGICAL INFORMATION

This material is expected to have adverse affects on marine and plant life. Spills may contaminate drinking water.

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSAL	Consult federal, state, and local regulations regarding disposal methods, Recycle used oil. Do not contaminate used oil with solvents or other chemicals.
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SECTION 14 TRANSPORTATION INFORMATION

See 49 CFR part 171.8 through 178.510
DOT SHIPPING NAME: Oil, n.o.s.
DOT HAZARD CLASS: Not Regulated
UN/NA NUMBER: NA 1270
GUIDE NUMBER: 27
IMDG CODE:

Materials classified as DOT Combustible Liquids (Flash Point > 141° F and < 200° F) are not regulated by DOT in containers of 110 gallons, or less for domestic shipments.

SECTION 15 REGULATORY INFORMATION

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TSCA
SARA 311
SARA 312
SARA 313

CAL PROP 65
RCRA
CERCLA

All components of this material are on the US TSCA inventory.

contains <1% barium compounds, < 1% zinc dialkyl dithiophosphate, < 1ppm xylene and <1ppm ethylbenzene
not listed
not listed
listed

SECTION 16	OTHER INFORMATION
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	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPE</u>
HMIS CODE:	1	1	0	C
NFPA CODE:	1	1	0	

PRECAUTIONARY LABELS: NA

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Prepared by: Greg Hovanesian
Safety Manager

Approved by: Mark Negast
Vice-President, Technical Services/R&D