

Material Safety Data Sheet

Dennison Lubricants

Manufacturer

102 Charles A Eldridge Drive

Address

Lakeville, MA 02347

508-946-0500

Phone Number (For Information)

800-946-0500

Emergency Phone Number

Pennwood Diesel Motor Oil 10-20-30-40-50

Identity (Trade Name As Used On Label)

MSDS Number *

CAS Number*

05/29/08

Date Prepared

Joe Carriveau

Prepared By*

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Petroleum lube oil base stock	>95	ND	5mg/m3	ND
CAS # 67472-54-7				
Proprietary Additives	5			
Non-Hazardous Ingredients				
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Pt	Initial ~ 525° F	Specific Gravity (H2O = 1)	0.88
Vapor Pressure (mm)	<.01	Melting Pt	N.A.
Vapor Density (Air=1)	>5	Evaporation Rate (water =1)	<0.01
Solubility in Water	Negligible	Water Reactive	No

Appearance and Odor Clear amber colored liquid - mild hydrocarbon odor

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point & Method Used	410 ° F (COC)	Flammability Limits in Air, % by Volume			
Extinguisher Media	Foam, dry chemical or CO2 preferred	LEL	N.D.	UEL	N.D.

Special Fire Fighting Procedures Wear self contained breathing apparatus. Avoid use of solid water streams.
Water spray may be used to cool containers.

Unusual Fire and Explosion Hazards Do not mix or store with strong oxidants. Keep away from open flames.
Product boils and foams excessively when heated above 200° F.

*Optional

N.A. = Not Applicable

N.D. = Not Determined

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY Stable	X	Unstable		Conditions to Avoid	N.A.
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Incompatibility (Materials to Avoid)	Do not mix with strong oxidants
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Hazardous	Oxides of carbon, sulfur, phosphorus, calcium and zinc.
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Decomposition Products	
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HAZARDOUS POLYMERIZATION	Will not occur	Conditions to Avoid	N.A.
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SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	Eye	X	Skin	X	Inhalation	Ingestion	X
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HEALTH HAZARDS	CARCINOGENICITY	Not listed in NTP, OSHA, or IARC Monographs
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Direct contact may cause eye irritation. Oil mist may irritate respiratory tract.

Prolonged or repeated skin contact may cause mild skin irritation, possibly dermatitis in sensitive individuals.

Ingestion may irritate gastrointestinal tract, may cause nausea, vomiting, diarrhea.

Medical Conditions	May aggravate pre-existing dermatitis.
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Generally Aggravated by Exposure	
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EMERGENCY FIRST AID PROCEDURES	Seek medical assistance for further treatment, observation and support if necessary.
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Eye Contact	Flush with clear water, seek medical attention if condition persists.
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Skin Contact	Wash with soap & water. Do not wear oil soaked clothing. If redness or irritation develops, consult a physician.
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Inhalation	Remove to fresh air. Seek medical attention. Observe PEL of 5mg/M3 mist.
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Ingestion	Call a physician. Do not induce vomiting.
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SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection	Normally not needed unless oil mist is present
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(Specify Type)	
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Protective Gloves	Oil/Chemical resistant	Eye Protection	Safety Glasses
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VENTILATION	Local Exhaust	X	Mechanical (General)	Special
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TO BE USED	Other (specify)	Use local exhaust if PEL/TLV is exceeded
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Other Protective	As necessary to prevent prolonged skin contact.
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Clothing and Equipment	
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Hygienic Work	Follow good industrial hygiene practices.
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Practices	
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SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material is Spilled Or Released	Recover free liquid, add absorbent to spill area.
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Waste Disposal	Dispose of in accordance with all applicable federal, state, and local regulations.
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Methods	
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Precautions to be Taken in Handling and Storage	Store away from direct heat source.
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Other Precautions and/or Special Hazards	None known
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