



Dilmar Oil
Company

High Mileage
SAE 10W30 API-SN

Material Safety Data

Section I – Chemical Product and Company Information

Product Name: Dilmar High Mileage SAE 10W30 API-SN
 Product Code: dochm1030-b
 Product Use: Motor Oil
 Telephone: (800) 922-5823
 Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

Preparation Date: 6/2012
 Revision/Reviewed Date:

Section II – Hazardous Ingredients/Identity Information

APPEARANCE

Light colored liquid

HEALTH HAZARDS

This material has no known health hazards

Ingredients	CAS#	%	ACGIH TWA	OSHA PEL	OSHA STEL	SKIN
Hydrotreated paraffinic distillates	Mixture	80 – 90 %weight	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	10 mg/m ³ (oil mist)	NO
Proprietary Additives	Mixture	10 – 20 %weight	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	10 mg/m ³ (oil mist)	NO
Zinc salts of dialkyl Dithiophosphoric acid	68649- 42-3	<0.5	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	10 mg/m ³ (oil mist)	NO

Section III – First Aid Measures

INHALATION (BREATHING): Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYE: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN: Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists. If product is injected under pressure into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, a physician should immediately evaluate the individual as a medical emergency.

INGESTION (SWALLOWING): Do NOT induce vomiting. Immediately get medical attention. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by the mouth.

NOTE TO PHYSICIANS: Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident.

Section IV – Fire Fighting Measures

FLASH POINT (METHOD USED): 152 Deg C, 307 Deg F by Cleveland Cup, ASTM D 92

FLAMMABLE LIMITS IN AIR: Lower: Not Available Upper: Not Available

AUTOIGNITION TEMPERATURE: Not available

HAZARDOUS COMBUSTION PRODUCTS: Decomposition and combustion materials may be toxic.

Burning may produce sulfur oxides, aldehydes, ketones, carbon monoxide and unidentified organic compounds.

CONDITIONS OF FLAMMABILITY: Sparks or flame. Products may burn, but does not ignite readily.

EXTINGUISHING MEDIA: Use Carbon dioxide, regular foam, dry chemical, or water fog. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

HAZARD RATING

0= LEAST

1= SLIGHT

2= MODERATE

3= HIGH

4= EXTREME

NFPA 704 HAZARD IDENTIFICATION

HEALTH HAZARD (BLUE) 1

FIRE HAZARD (RED) 1

REACTIVITY (YELLOW) 0

SPECIFIC HAZARD (WHITE)

FIRE FIGHTING INSTRUCTIONS: Keep storage containers cool with water spray. A positive pressure, self-contained breathing apparatus (SCBA) and full body protective equipment are required for fire emergencies.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes, gases or vapors may evolve on burning.

Section V – Accidental Release Measures

SPILL PROCEDURES: Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

Section VI- Handling And Storage

Maximum Pumping Temperature Not determined.

Maximum Handling Temperature Not determined.

Handling Procedures Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.

Maximum Storage Not determined.

Storage Procedures Do not store above 120°F

Loading Temperature Not determined.

Section VII – Exposure Controls/Personal Protection

Ventilation Procedures Use with adequate ventilation.

Gloves Procedures Nitrile.

Eye Protection Safety Glasses.

Respiratory Protection Under normal use conditions, respirator is not usually required. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded.

Section VIII – Physical And Chemical Properties

Flash Point 152 Deg C, 307 Deg F by Cleveland Cup, ASTM D 92
Upper Flammable Limit Not determined.
Lower Flammable Limit Not determined.
Autoignition Point Not determined.
Explosion Data Material does not have explosive properties.
Vapor Pressure Not determined.
Specific Gravity 0.8686 (15.6 Deg C)
Water Solubility Negligible in water, soluble in hydrocarbon solvents
Percent VOC Negligible at STP.
Vapor Density, Air = 1 >1 at STP
Evaporation Rate, n-Butyl Acetate =1 Negligible at STP.
Odor Mild petroleum hydrocarbon odor
Appearance Amber, clear fluid
Viscosity by ASTM D 445:
 cSt at 40 deg C (212 deg F) 69.77
 cSt at 100 deg C (212 deg F) 11.24
Odor Threshold Unknown
Boiling Point Not determined
Pour Point (C) -41

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

Section IX – Stability And Reactivity

Stability Material is normally stable at moderately elevated temperatures.

Decomposition Temperature Smoke, carbon monoxide and dioxide, and other aldehydes of incomplete combustion. Oxides of C, Zn, Mg, P and S. Hydrogen sulfide and alkyl mercaptans and other sulfides may be released.

Incompatibility Avoid contact with acids and oxidizing agents.

Hazardous Polymerization Will not occur.

Section X – Toxicological Information

--ACUTE EXPOSURE--

Oral Toxicity Not determined

Skin Irritation Not expected to be a primary skin irritant.

Inhalation Sensitization On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations. Shortness of breath and cough are the most common symptoms. Based on data from similar materials.

--CHRONIC EXPOSURE--

Chronic Toxicity No data available to indicate product or components present at greater than 1% are chronic health hazards.

Carcinogenicity This material is formulated with mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

Mutagenicity This product contains zinc alkyl dithiophosphates (ZDP). Several ZDPs have been reported to have weak mutagenic activity in cultured mammalian cells but only at concentrations that were toxic to the test cells. We do not believe that there is any mutagenic risk to workers exposed to this product's concentration level of ZDP.

Reproductive Toxicity No data available to indicate either product or components present a greater than 0.1% that may cause reproductive toxicity.

Teratogenicity No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

Other No other health hazards known.

Exposure Limits Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.

Section XI – Ecological Information

Ecotoxicity The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

Environmental Fate This material is not expected to be readily biodegradable

Section XII – Disposal Considerations

Waste Disposal Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Disposal Consideration: Place used, contaminated, or excess material into disposable containers and dispose of in a manner consistent with local and state regulations. Contact local environmental or health authorities for approved disposal of this material. Most used oil is reclaimed or incinerated.

Section XIII – Transport Information

US Department of Transportation Classification:

Bulk shipping description – Does not apply to bulk oil shipping

Non bulk shipping description – Does not apply to non-bulk oil shipping

Identification Number – NA

Hazard Classification – NA

Other - See 49 CFR for additional requirements for descriptions, allowed modes of transport, and packaging. For more information concerning spills during transport, consult latest DOT Emergency Response Guidebook for Hazardous Materials Incidents, DOT P 5800.3

Section XIV – Regulatory Information

Clean Water Act/Oil Pollution Act- Under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Control Act of 1990, this material is considered an oil. Any spills or discharges that produce a visible sheen or film on surface of water, or in waterways, ditches, or sewers leading to surface water must be reported. Contact the National Response Center at 800-424-8802.

TSCA – All components of this material are listed in the U.S TSCA Inventory

Other TSCA – NA

SARA Title III – Section 302/304 Extremely Hazardous Substances – NONE

Section 311/312 Hazard Categorization: Acute (immediate health effects): - YES

Chronic (delayed health effects): - NO

Fire (hazard): - NO

Reactivity (hazard): - NO

Pressure (sudden release hazard): - NO

Section 313 Toxic Chemicals: Zinc <0.10%

CERCLA: For stationary sources – reportable quantity: Not determined

Due to: NA

For moving sources – reportable quantity: Not determined

Due to: NA

Recommend contacting the local authorities in the event of any type of spill to determine local reporting requirements and also to aid in the cleanup.

California Prop. 65: NA

Section XV – Other Information

US NFPA Codes

Health	Fire	Reactivity	Special
1	1	0	N/E

HMIS Codes

Health	Fire	Reactivity
1	1	0

Precautionary Labels: None required

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