



Chemical Name: Engine Oil SAE 15W-40

Manufacturer: CAT

Container size: 55 gallon

Location: VLA

Disposal: Place empty container in trash. Give partial or full container to safety officer.

Material Safety Data Sheet

- SECTION I - Material Identity
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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	CAT DIESEL ENGINE OIL (DEO) CH-4 SAE 15W40
National Stock Number	9150P15W40
CAGE Code	0AHD1
Part Number Indicator	A
MSDS Number	194147
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	EXXON MOBIL OIL CORP
Street	3225 GALLOWS RD
City	FAIRFAX
State	VA
Country	US
Zip Code	22037
Emergency Phone	800.424.9300 OR 281.834.3296
Information Phone	800.662.4525/703-846-6693

MSDS Preparer's Information

Date MSDS Prepared/Revised	06DEC01
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Date of Technical Review	11MAR93
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	BROWN LIQUID MILD ODOR
Boiling Point	600F
Melting Point	N/A
Vapor Density	N/E
Specific Gravity	0.878
Evaporation Rate	N/E
Solubility in Water	NEGLIGIBLE
Container Pressure Code	1
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	435
Flash Point Method	UNK
Lower Explosion Limit	0.9
Upper Explosion Limit	7.0
Extinguishing Media	CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG
Special Fire Fighting Procedures	WATER OR FOAM MAY CAUSE FROTHING, USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FORM EXPOSURE. PREVENT RUNOFF FORM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS, OR DRINKING WATER SUPPLY
Unusual Fire/Explosion Hazards	NONE

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	EXTREME HEAT, HIGH ENERGY SOURCES OF IGNITION
Materials to Avoid	STRONG OXIDIZERS
Hazardous Decomposition Products	PRODUCTE DOES NOT DECOMPOSE AT AMBIENT TEMP

Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NOT APPLICABLE
LD50 - LD50 Mixture	N/K

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	NO
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	ACUTE- THIS SUBSTANCE IS NOT EXPECTED TO CAUSE PROLONGED OR SIGNIFICANT EYE, SKIN IRRITATION. PRACTICALLY NON-TOXIC TO INTERNAL ORGANS IF IT GETS ON SKIN, IS INHALED OR SWALLOWED. THESE HAZARD EVALUATIONS ARE BASED ON DATA FROM SIMILAR MATERIALS. CHRONIC:UNKNOWN
Carcinogenity: NTP	N/R
Carcinogenity: IARC	N/R
Carcinogenity: OSHA	N/R
Explanation of Carcinogenity	NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN
Symptoms of Overexposure	THIS SUBSTANCE IS NOT EXPECTED TO CAUSE PROLONGED OR SIGNIFICANT EYE, SKIN IRRITATION. PRACTICALLY NON-TOXIC TO INTERNAL ORGANS IF IT GETS ON SKIN, IS INHALED OR SWALLOWED. THESE HAZARD EVALUATIONS ARE BASED ON DATA FROM SIMILAR MATERIALS
Medical Cond. Aggrevated by Exposure	NONE KNOWN
Emergency/First Aid Procedures	EYE] FLUSH THOROUGHLY WITH WATER IF IRRITAION OCCURS, CALL PHYSICIAN. [SKIN] WASH CONTACT AREAS WITH SOAP AND WATER. [INHALE] NOT EXPECTED TO BE A PROBLEM. [INGEST] NOT EXPECTED TO BE A PROBLEM

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	STOP THE SOURCE OF THE LEAK OR RELEASE. CLEAN UP RELEASES AS SOON AS POSSIBLE. CONTAIN LIQUID TO PREVENT FURTHER CONTAMINATION OF SOIL, SURFACE WATER OR GROUNDWATER. RECOVER BY PUMPING OR CONTAIN SPILLED MATERIAL WITH SAND OR OTHER SUITABLE ABSORBENT AND REMOVE MECHANICALLY INTO CONTAINERS. [WATER] CONFINE THE
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Waste Disposal Method	SPILL IMMEDIATELY WITH BOOMS DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS
Handling and Storage Precautions	NO SPECIAL PRECAUTIONS ARE NECESSARY
Other Precautions	KEEP CONTAINERS CLOSED WHEN NOT IN USE, PREVENT SMALL SPILLS AND LEAKAGES TO AVIOD SLIP HAZARD

SECTION VIII - Control Measures

Respiratory Protection	IF MISTS ARE GENERATED, AND/OR WHEN VENTILATION IS NOT ADEQUATE, WEAR APPROVED RESPIRATOR
Ventilation	USE ADEQUATE VENTILATION TO KEEP THE AIRBORNE CONCENTRATIONS OF THIS MATERIAL BELOW THE RECOMMENDED EXPOSURE STANDARD
Protective Gloves	NONE USUALLY NECESSARY
Eye Protection	IF EYE CONTACT IS LIKELY, SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL TYPE GOGGLES SHOULD BE WORN
Other Protective Equipment	AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT
Work Hygenic Practices	WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE
Disposal Code	0

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	EXCESSIVE EXPOSURE MAY RESULT IN EYE, SKIN OR RESPIRATORY IRRITATION

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	.22
Volatile Organic Compounds (G/L)	26.3645

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	(ZNCPD) ZINC ALKYL DITHIOPHOSPHATE (1-5%)
CAS Number	1024
Percent	5
