**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.
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
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 FROM 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**: PRODUCT DOES NOT DECOMPOSE AT AMBIENT TEMP
### SECTION VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route of Entry: Skin</th>
<th>YES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Route of Entry: Ingestion</td>
<td>NO</td>
</tr>
<tr>
<td>Route of Entry: Inhalation</td>
<td>YES</td>
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</tbody>
</table>

**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
- IARC: N/R
- 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. Aggravated by Exposure**

NONE KNOWN

**Emergency/First Aid Procedures**

- EYE: FLUSH THOROUGHLY WITH WATER IF IRRITATION 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 SPILED MATERIAL WITH SAND OR OTHER SUITABLE ABSORBENT AND REMOVE MECHANICALLY INTO CONTAINERS. [WATER] CONFINE THE
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 THROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Volatile Organic Compounds (P/G)</td>
<td>0.22</td>
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<tr>
<td>Volatile Organic Compounds (G/L)</td>
<td>26.3645</td>
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### SECTION XII - Ingredients/Identity Information

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<thead>
<tr>
<th>Ingredient #</th>
<th>Ingredient Name</th>
<th>CAS Number</th>
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<tbody>
<tr>
<td>01</td>
<td>(ZNCPD) ZINC ALKYL DITHIOPHOSPHATE (1-5%)</td>
<td>1024</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
</tr>
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</table>