



Material Safety Data Sheet

Chevron Supreme Motor Oil

MSDS: 6717 Revision #: 2 Revision Date: 1/08/00

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Supreme Motor Oil

PRODUCT NUMBER(S): CPS220002 CPS220011 CPS220013 CPS220019

SYNONYM: CPS220059 CPS220060

CHEVRON Supreme Motor Oil SAE 10W-30

CHEVRON Supreme Motor Oil SAE 10W-40

CHEVRON Supreme Motor Oil SAE 20W-50

CHEVRON Supreme Motor Oil SAE 30

CHEVRON Supreme Motor Oil SAE 40

CHEVRON Supreme Motor Oil SAE 5W-30

COMPANY IDENTIFICATION

Chevron Products Company
Lubricants and Specialty Products
6001 Bollinger Canyon Rd., T3325/B10
San Ramon, CA 94583
www.chevron-lubricants.com

HEALTH (24 hr): (800)231-0623 or

TRANSPORTATION (24 hr): CHEMTREC

(800)424-9300 or (703)527-3887

Emergency Information Centers

are located in U.S.A.

Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Request: (800)414-6737 email: lubmsds@chevron.com

Environmental, Safety, & Health info: (925) 842-5535

Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Supreme Motor Oil

CONTAINING

COMPONENTS

AMOUNT

LIMIT/OTY

AGENCY/TYPER

LUBRICATING BASE OIL

SEVERELY REFINED PETROLEUM DISTILLATE

> 75.00%

5 mg/m3 (mist)

10 mg/m3 (mist)

5 mg/m3 (mist)

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7. HANDLING AND STORAGE

Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner, or properly disposed of. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS

Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:
No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

SKIN PROTECTION:
No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: Viton® <Nitrile> <Silver Shield> <4H>

RESPIRATORY PROTECTION:
No respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the recommended mineral oil mist exposure limits. If not wear a NIOSH approved respirator that provides adequate protection from measured concentrations of this material. Use the following elements for air-purifying respirators: particulate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Amber liquid.
pH: NA
VAPOR PRESSURE: <0.01 mm Hg at 100F
VAPOR DENSITY: (AIR=1): Heavier than air.
BOILING POINT: >600F (>315C)
FREEZING POINT: NA
MELTING POINT: NA
SOLUBILITY: Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY: 0.87 - 0.89 @ 15.6/15.6C
VOLATILE ORGANIC COMPOUNDS (VOC): <1 wt.%, 9.69 g/l (approx.)
VISCOSITY: 10.0 - 18.4 cSt @ 100C (Min.)

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

H₂S may be released at high temperatures.

CHEMICAL STABILITY:

Stable.

CONDITIONS TO AVOID:

No data available.

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

The eye irritation hazard is based on data for a similar material.

SKIN EFFECTS:

The skin irritation hazard is based on data for a similar material.

ACUTE ORAL EFFECTS:

The acute oral toxicity is based on data for a similar material.

ACUTE INHALATION EFFECTS:

The acute respiratory toxicity is based on data for a similar material.

ADDITIONAL TOXICOLOGY INFORMATION:

This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as: carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

This product contains zinc alkyl dithiophosphates (ZDDPs). Several ZDDPs 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 ZDDPs.

During use in engines, contamination of oil with low levels of cancer-causing combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water. See Chevron Material Safety Data Sheet No. 1793 for additional information on used motor oil.

12. 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.

13. DISPOSAL CONSIDERATIONS

Oil collection services and collection centers are available for used motor oil recycling or disposal. Some service stations, automotive service centers, and retailers provide motor oil collection facilities.

Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NONE

DOT HAZARD CLASS: NONE

DOT IDENTIFICATION NUMBER: NONE

DOT PACKING GROUP: N/A

ADDITIONAL INFO: Petroleum Lubricating Oil - Not Hazardous by U.S. DOT.

15. REGULATORY INFORMATION

- SARA 311 CATEGORIES:
- | | |
|---------------------------------------|----|
| 1. Immediate (Acute) Health Effects: | NO |
| 2. Delayed (Chronic) Health Effects: | NO |
| 3. Fire Hazard: | NO |
| 4. Sudden Release of Pressure Hazard: | NO |
| 5. Reactivity Hazard: | NO |

REGULATORY LISTS SEARCHED:

01-SARA 313	11-NJ RTK	22-TSCA Sect 5(a) (2)
02-MASS RTK	12-CERCLA 302.4	23-TSCA Sect 6
03-NTP Carcinogen	13-MN RTK	24-TSCA Sect 12(b)
04-CA Prop 65-Carcin	14-ACGIH TWA	25-TSCA Sect 8(a)
05-CA Prop 65-Repro Tox	15-ACGIH STEL	26-TSCA Sect 8(d)
06-IARC Group 1	16-ACGIH Calc TLV	27-TSCA Sect 4(a)
07-IARC Group 2A	17-OSHA PEL	28-Canadian WHMIS
08-IARC Group 2B	18-DOT Marine Pollutant	29-OSHA CEILING
09-SARA 302/304	19-Chevron TWA	30-Chevron STEL
10-PA RTK	20-EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

PHOSPHOROTHIOIC ACID, O,O-DI-CL-14-ALKYL ESTERS, ZINC SALTS
is found on lists: 01, 11,
SEVERELY REFINED PETROLEUM DISTILLATE
is found on lists: 14, 15, 17,

NEW JERSEY RTK CLASSIFICATION:

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A.
34:5A-1 et. seq., the product is to be identified as follows:

PETROLEUM OIL

WHMIS CLASSIFICATION:

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

16. OTHER INFORMATION

NFPA RATINGS: Health 1; Flammability 1; Reactivity 0;
HMS RATINGS: Health 1; Flammability 1; Reactivity 0;
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal
Protection Equipment Index recommendation, *- Chronic Effect
Indicator). These values are obtained using the guidelines or
published evaluations prepared by the National Fire Protection
Association (NFPA) or the National Paint and Coating Association
(for HMS ratings).

REVISION STATEMENT:

This revision updates Section 4 (First Aid Measures), Section 9
(Physical and Chemical Properties), and Section 15 (Regulatory
Information).

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Ceiling Limit	CAS - Chemical Abstract Service Number
AI-5 - Appendix A Categories	(I) - Change Has Been Proposed
NDA - No Data Available	NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard
(29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology
and Health Risk Assessment Unit, CRC, P.O. Box 1627, Richmond, CA 94804

The above information is based on the data of which we are aware and is
believed to be correct as of the date hereof. Since this information may
be applied under conditions beyond our control and with which we may be
unfamiliar and since data made available subsequent to the date hereof may
suggest modification of the information, we do not assume any responsibility
for the results of its use. This information is furnished upon
condition that the person receiving it shall make his own determination