

# Mobil

## Mobil Oil Corporation Material Safety Data Bulletin

### I. Product Identification

#### Mobil 600 W Cylinder Oil

Supplier:	24 Hour Emergency (Call collect):
Mobil Oil Corp.	(609) 737-4411
Chemical Names and Synonyms:	Chemtrec:
Pet. Hydrocarbons and Additives	(800) 424-9300
Use or Description:	Product and MSDS Information:
Cylinder Oil	(800) 662-4525

### II. Typical Chemical and Physical Properties

Appearance: Brown Liquid	Odor: Mild	PH: N/A
Viscosity at 100 F, SUS: 1990.5 at 40 C, CS: 375.0		
Viscosity at 210 F, SUS: 142.4 at 100 C, CS: 29.0		
Flash Point F(C): 540 (282) (ASTM D-92)		
Melting Point F (C): N/A	Pour Point F (C): 15 (-9)	
Boiling Point F (C): > 600 (316)		
Relative Density, 15/4 C: 0.901	Solubility in water: Negligible	
Vapor Pressure – mm Hg 20C: < .1		

NA=Not Applicable NE=Not Established D=Decomposes  
For Further Information, Contact your local marketing office.

### III. Potentially Hazardous Ingredients

None

See sections XII and XIII for regulatory and further compositional data.

Sources: A=ACGIH-TLV, A\*=Suggested-TLV, M=Mobil, O=OSHA, S=Supplier

Note: Limits shown for guidance only. Follow applicable regulations.

### IV. Health Hazard Data

---- Includes aggravated medical conditions, if established ----

Threshold Limit Value: 5.00 mg/m<sup>3</sup> suggested for oil mist

Effects of Overexposure: Not expected to be a problem.

## V. Emergency and First Aid Procedures

----For Primary Routes of Entry----

Eye Contact: Flush thoroughly with water. If irritation persists, call a physician.

Skin Contact: Wash contact area with soap and water.

Inhalation: Not expected to be a problem.

Ingestion: Not expected to be a problem when ingested. If uncomfortable seek medical assistance.

## VI. Fire and Explosion Hazard Data

Flash Point F (C): 540(282) (ASTM D-92)

Flammable Limits.

LEL: .6%

UEL: 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. For fires in enclosed areas, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

Unusual fire and explosion hazards: None

NFPA Hazard ID: Health: 0, Flammability: 1, Reactivity: 0

## VII. Reactivity Data

Stability (Thermal, Light, etc.): Stable

Conditions to avoid: Extreme heat.

Incompatibility (materials to avoid): Strong oxidizers

Hazardous decomposition products: Carbon monoxide

Hazardous polymerization: will not occur.

## VIII. Spill or Leak Procedure

Environmental Impact: Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

Procedures if material is released or spilled: Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

Waste Management: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

## IX. Special Protection Information

Eye Protection: Normal industrial eye protection practices should be employed.

Skin Protection: No special equipment required. However, good personal hygiene practices should always be followed.

Respiratory Protection: No special requirements under ordinary conditions of use and with adequate ventilation.

Ventilation: No special requirements under ordinary conditions of use and with adequate ventilation.

## X. Special Precautions

No special precautions required.

## XI. Toxicological Data

### ---Acute Toxicology---

Oral Toxicity (Rats): Nontoxic – based on testing of similar products and/or the components.

Dermal Toxicity (Rabbits): Nontoxic – based on testing of similar products and/or the components.

Inhalation Toxicity (Rats): Not applicable – harmful concentrations of mists and/or vapors are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.

Eye Irritation (Rabbits): Expected to be non-irritating. Based on testing of similar products and/or the components.

Skin Irritation (Rabbits): Expected to be non-irritating. Based on tested of similar products and/or the components.

### ---Subchronic Toxicology (summary)---

Severely solvent refined and severely hydrotreated mineral base oils have been tested at Mobil Environmental and Health Sciences Laboratory by dermal application to rats 5 days/week for 90 days at doses significantly higher than those expected during normal industrial exposure. Extensive evaluations including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

### ---Chronic Toxicology (Summary)---

Expected to be negative in a two year mouse skin painting study based on testing of similar products and/or the components. The base oils in this product are severely solvent refined an/or severely hydrotreated. Chronic mouse skin painting studies of similar oils showed no evidence of carcinogenic effects.

## XII. Regulatory Information

Governmental inventory status: All components registered in accordance with TSCA, EINECS, AICS, and MITI.

Dot:

Shipping Name: Not applicable

Hazard Class: Not applicable

US OSHA Hazard Communication Standard: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

This product has been authorized by USDA for use under the following category:  
H2 – Lubricants with no food contact

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no “Extremely Hazardous Substances”.

SARA (311/312 – Formerly 302) Reportable Hazard Categories: None

This product contains no chemicals reportable under SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

Chemical Name	CAS Number	List Citations
Oils, Lard	8016-28-2	7, 8, 17

---Key to List Citations---

1 = OSHA Z	2 = ACGIH	3 = IARC	4 = NTP	5 = NCI
6 = EPA CARC	7 = NFPA 49	8 = NFPPA 325M	9 = DOT HMT	10 = CA RTK
11 = IL RTK	12 = MA RTK	13 = MN RTK	14 = NJ RTK	15 = MI 293
16 = FL RTK	17 = PA RTK	18 = CA P65		

---NTP, IARC, and OSHA include Carcinogenic listings---

Note: Mobil products are not formulated to contain PCBS.

XIII. Ingredients

Ingredient Description	Percent	CAS Number
←-----→	←-----→	←-----→
	> 90.00	

Contains one or more of the following base oils:

Lubricating oils (Petroleum), C>25 Hydrotreated bright stock-based		72623-83-7
Residual oils (Petroleum), Solvent-refined		64742-01-4
Residual oils (Petroleum), Solvent-dewaxed		64742-62-7
Distillates (Petroleum), Heavy paraffinic		64742-54-7

Oils, lard	5.08	8016-28-2
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## Appendix

For Mobil use only: MCN: \_\_\_\_\_, MHC: 0\* 0\* NA 0\* 0\*, MPPEC: A, PPEC: A,  
US91-541 Approve 09/17/91 REQ: US-Marketing

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Prepared by: Mobil Oil Corporation

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For further information, contact:

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