



Prepared according to 29CFR 1910.1200

1	Chemical Product and Company Identification
---	---

*THE LUBRIZOL CORPORATION
29400 LAKELAND BOULEVARD
WICKLIFFE, OH 44092-2298
PHONE: (440)943-1200*

Product Trade Name	Toyota 75W-140 DIFFERENTIAL GEAR OIL
CAS Number	Not applicable for mixtures.
Synonyms	None.
Generic Chemical Name	Mixture.
Product Type	Not determined
Preparation/Revision Date	21 May 2009
Transportation Emergency Phone No.	FOR TRANSPORT EMERGENCY call CHEMTREC: (-) 705-527-3887 (outside the U.S.), 1-800-424-9500 (in the U.S.)
MSDS No.	17195725-6122925-3015920-102103

2	Hazards Identification
---	------------------------

Appearance	Light colored liquid.
Odor	Mild
Principal Hazards	<ul style="list-style-type: none"> • This material has no known health hazards.

See Section 11 for complete health hazard information.

3	Composition/Information on Ingredients
---	--

Hazardous Ingredients	This material has no known hazards under applicable laws.
-----------------------	---

4	First Aid Measures
---	--------------------

Eyes	Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.
Skin	Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
Inhalation	Remove exposed person to fresh air if adverse effects are observed.
Oral	DO NOT INDUCE VOMITING. Get immediate medical attention.

Additional Information Note to physician: Treat symptomatically.

5	Fire Fighting Measures
----------	-------------------------------

Flash Point > 165 °C, 329 °F COC (Minimum)
Extinguishing Media CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.
Firefighting Procedures Recommend wearing self-contained breathing apparatus. Treat as an oil fire. Water may cause splattering.
Unusual Fire & Explosion Hazards None known.

6	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, dispose of in accordance with all federal, state and local environmental regulation. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

7	Handling and Storage
----------	-----------------------------

Pumping Temperature Not determined.
Maximum Handling Temperature 70 °C, 158 °F
Handling Procedures Keep containers closed when not in use. Do not discharge into drains or the environment, dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.
Maximum Storage Temperature 45 °C, 113 °F
Storage Procedures Odorous and toxic fumes may form from the decomposition of this product if stored at temperatures in excess of 113 deg F (45 deg C) for extended periods of time or if heat sources in excess of 250 deg F (121 deg C) are used.
Loading Temperature 70 °C, 158 °F

8	Exposure Controls/Personal Protection
----------	--

Exposure Limits None established
Other 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.
Engineering Controls Use with adequate ventilation.
Gloves Procedures Nitrile.
Eye Protection Safety Glasses.
Respiratory Protection Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Clothing Recommendation Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

9	Physical and Chemical Properties
---	----------------------------------

Flash Point	> 165 °C, 329 °F COC (Minimum)
Upper Flammable Limit	Not determined.
Lower Flammable Limit	Not determined.
Autolgnition Point	354 °C, 669.2 °F
Explosion Data	Material does not have explosive properties.
Vapor Pressure	Not determined.
pH	Not determined.
Specific Gravity	0.87 (15.6 °C)
Bulk Density	Not determined.
Water Solubility	Insoluble.
Percent Solid	Not determined.
Percent Volatile	Not determined.
Volatile Organic Compound	Not determined.
Vapor Density	Not determined.
Evaporation Rate	Not determined.
Odor	Mild
Appearance	Light colored liquid.
Viscosity	185 Centistokes (40 °C) 25.6 Centistokes (100 °C)
Odor Threshold	Not determined.
Boiling Point	Not determined.
Pour Point Temperature	-46 °C, -51 °F
Melting / Freezing Point	Not determined.

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

10	Stability and Reactivity
----	--------------------------

Stability	Material is normally stable at room temperature and pressure. See the Handling and Storage Section for further details.
Decomposition Temperature	Not determined.
Incompatibility	Oxidizing agents.
Polymerization	Will not occur.
Thermal Decomposition	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released. Under combustion conditions, oxides of the following elements will be formed: sulfur.
Conditions to Avoid	Not determined.

11	Toxicological Information
----	---------------------------

– ACUTE EXPOSURE –

Eye Irritation	Not expected to cause eye irritation Based on data from components or similar materials.
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar

Respiratory Irritation	materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Dermal Toxicity	The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.
Inhalation Toxicity	No data available to indicate product or components may be a toxic inhalation hazard.
Oral Toxicity	The LD50 in rats is > 10,000 mg/Kg. Based on data from components or similar materials.
Dermal Sensitization	Experimental data has shown that the concentration of potentially sensitizing components present in this product does not induce skin sensitization.
Inhalation Sensitization	No data available to indicate product or components may be respiratory sensitizers.

-- CHRONIC EXPOSURE --

Chronic Toxicity	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Carcinogenicity	This product contains 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	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity	No data available to indicate either product or components present at 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.

-- ADDITIONAL INFORMATION --

Other	No other health hazards known.
-------	--------------------------------

12	Ecological Information
----	------------------------

-- ENVIRONMENTAL TOXICITY --

Freshwater Fish Toxicity	The acute LC50 is 100 - 1000 mg/L based on component data.
Freshwater Invertebrates Toxicity	Chronic effects expected at 10 - 100 mg/L based on component data.
Algal Inhibition	Not determined.
Saltwater Fish Toxicity	Not determined.
Saltwater Invertebrates Toxicity	Not determined.
Bacteria Toxicity	The acute EC50 is > 1000 ppm based on component data.
Miscellaneous Toxicity	Not determined.

-- ENVIRONMENTAL FATE --

Biodegradation	At least 25% of the components in this product show limited biodegradation based on OECD 301-type test data.
Bioaccumulation	1 - 10% of the components potentially bioconcentrate, based on octanol/water coefficients.
Soil Mobility	Not determined.

13	Disposal Considerations
----	-------------------------

Waste Disposal

This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14	Transport Information
-----------	------------------------------

ICAO/IATA I	Not regulated.
ICAO/IATA II	Not regulated.
IMDG	Not regulated.
IMDG EMS Fire	Not applicable.
IMDG EMS Spill	Not applicable.
IMDG MFAG	Not applicable.
MARPOL Annex II	Not determined.
USCG Compatibility	Not determined.
U.S. DOT Bulk	Not regulated.
U.S. DOT Non-Bulk	Not regulated.
DOT NAERG	Not applicable.
TDG Bulk	Not regulated.
TDG Non-Bulk	Not regulated.
Mexico	Not regulated.
Mexico Non-Bulk	Not regulated.
Bulk Quantity	85000 liters, 22457 gal.
Non-Bulk Quantity	207.8 liters, 55 gal.

Review classification requirements before shipping materials at elevated temperatures.

15	Regulatory Information
-----------	-------------------------------

-- Global Chemical Inventories --

USA	All components of this material are on the US TSCA Inventory or are exempt.
Other TSCA Reg.	None known.
EU	All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.
Japan	All components are in compliance with the Chemical Substances Control Law of Japan.
Australia	All components are in compliance with chemical notification requirements in Australia.
New Zealand	All components are in compliance with chemical notification requirements in New Zealand.
Canada	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
Switzerland	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Korea	All components are in compliance in Korea.
Philippines	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
China	All components of this product are listed on the Inventory of Existing Chemical Substances in China.

ANGLAMOL® 6055

-- Other U.S. Federal Regulations --

SARA Ext. Haz. Subst. This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

SARA Section 313 This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

SARA 311 Classifications

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

CERCLA Hazardous Substances

None known.

FDA Approval

Not applicable.

-- State Regulations --

Cal. Prop. 65

This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: < 0.05 ppm cadmium < 0.1 ppm lead < 0.5 ppm arsenic < 0.5 ppm Ethyl acrylate, CAS no. 140-88-5

-- Product Registrations --

U.S. Fuel Registration

Not applicable.

U.S. Dept of Agriculture

This product was registered or qualified as an H2 product.

NSF Nonfood Compounds Registration

This product has not been filed with the NSF to support H1 or H2 approvals.

Finnish Registration Number

Not Registered

Swedish Registration Number

Not Registered

Norwegian Registration Number

Not Registered

Danish Registration Number

Not Registered

Swiss Registration Number

611500

Italian Registration Number

Not Registered

Korean Registration Number

Not Registered

-- Other / International --

TDG Regulated Limit.

None known.

16	Other Information
----	-------------------

US NFPA Codes

Health	Fire	Reactivity	Special
1	1	0	N/E

(N/E) - None established

HMIS Codes

Health	Fire	Reactivity
0	1	0

Precautionary Labels

- This material has no known health hazards.

Revision Indicators	Section: 8 Respiratory protection.	Changed: 29 March 2009
	Section: 9 Odor threshold.	Changed: 27 October 2008
	Section: 9 Percent volatile.	Changed: 27 October 2008
	Section: 10 Thermal decomposition.	Changed: 29 March 2009
	Section: 11 Oral toxicity.	Changed: 21 May 2009
	Section: 12 Freshwater invertebrate toxicity.	Changed: 27 October 2008
	Section: 13 Waste disposal.	Changed: 27 October 2008
	Section: 15 MISC. Regulatory info.	Changed: 27 October 2008
	Section: 15 New Zealand	Changed: 27 October 2008
	Section: 16 Miscellaneous information.	Changed: 27 October 2008

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.