

**Lubrizol**

Prepared according to 29CFR 1910.1200.

**1 Chemical Product and Company Identification**

*The Lubrizol Corporation  
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Wickliffe, Ohio 44092  
Tel: (440) 943-4200*

Product Trade Name ANGLAMOL® 6055  
CAS Number Not applicable for mixtures.  
Synonyms None.  
Generic Chemical Name Mixture.  
Product Type Not determined.  
Preparation/Revision Date 30 September 2011  
Transportation Emergency Phone No. FOR TRANSPORT EMERGENCY call CHEMTREC: (+1) 703-527-3887 (outside the U.S.), 1-800-424-9300 (in the U.S.)  
MSDS No. 61178527-1031439-2021111-102103

**2 Hazards Identification**

Appearance Light colored liquid.  
Odor Mild  
Principal Hazards

- 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 See section 10 for additional information.

**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. 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

**ANGLAMOL® 6055****Handling Procedures**

Keep containers closed when not in use. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

**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. See section 10 for incompatible materials.

**Maximum Loading Temperature**

70 °C, 158 °F

<b>8</b>	<b>Exposure Controls/Personal Protection</b>
<b>Exposure Limits</b>	None established
<b>Other Exposure Limits</b>	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.
<b>Engineering Controls</b>	Use with adequate ventilation.
<b>Gloves Procedures</b>	Nitrile.
<b>Eye Protection</b>	Safety Glasses.
<b>Respiratory Protection</b>	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.
<b>Clothing Recommendation</b>	Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

<b>9</b>	<b>Physical and Chemical Properties</b>
<b>Flash Point</b>	> 165 °C, 329 °F COC (Minimum)
<b>Upper Flammable Limit</b>	Not determined.
<b>Lower Flammable Limit</b>	Not determined.
<b>Autoignition Point</b>	354 °C, 669.2 °F
<b>Explosion Data</b>	Material does not have explosive properties.
<b>Vapor Pressure</b>	Not determined.
<b>pH</b>	Not determined.
<b>Specific Gravity</b>	0.87 (15.6 °C)
<b>Bulk Density</b>	Not determined.
<b>Water Solubility</b>	Insoluble.
<b>Percent Solid</b>	Not determined.
<b>Percent Volatile</b>	Not determined.
<b>Volatile Organic Compound</b>	Not determined.
<b>Vapor Density</b>	Not determined.
<b>Evaporation Rate</b>	Not determined.
<b>Odor</b>	Mild
<b>Appearance</b>	Light colored liquid.
<b>Viscosity</b>	185 Centistokes (40 °C) 25.6 Centistokes (100 °C)
<b>Odor Threshold</b>	Not determined.
<b>Boiling Point</b>	Not determined.
<b>Pour Point Temperature</b>	-46 °C, -51 °F
<b>Melting / Freezing Point</b>	Not determined.

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

<b>10</b>	<b>Stability and Reactivity</b>
<b>Stability</b>	Material is normally stable at room temperature and pressure. See the Handling and Storage Section for further details.
<b>Decomposition Temperature</b>	Not determined.
<b>Incompatibility</b>	Oxidizing agents.
<b>Polymerization</b>	Will not occur.
<b>Thermal Decomposition</b>	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.
<b>Conditions to Avoid</b>	Not determined.

<b>11</b>	<b>Toxicological Information</b>
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Eye Irritation  
Skin Irritation  
  
Respiratory Irritation  
  
Dermal Toxicity  
Inhalation Toxicity  
Oral Toxicity  
Dermal Sensitization  
Inhalation Sensitization

**— ACUTE EXPOSURE —**  
Not expected to cause eye irritation. Based on data from components or similar materials.  
Not expected to be a primary skin irritant. Based on data from components or similar 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.  
The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.  
No data available to indicate product or components may be a toxic inhalation hazard.  
The LD50 in rats is > 10,000 mg/Kg. Based on data from components or similar materials.  
No data available to indicate product or components may be a skin sensitizer.  
No data available to indicate product or components may be respiratory sensitizers.

Chronic Toxicity  
Carcinogenicity  
  
Mutagenicity  
Reproductive Toxicity  
  
Teratogenicity

**— CHRONIC EXPOSURE —**  
No data available to indicate product or components present at greater than 1% are chronic health hazards.  
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.  
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  
No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.  
No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

Other

**— ADDITIONAL INFORMATION —**  
No other health hazards known.

12	<b>Ecological Information</b>
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Freshwater Fish Toxicity  
Freshwater Invertebrates Toxicity  
Algal Inhibition  
Saltwater Fish Toxicity  
Saltwater Invertebrates Toxicity  
Bacteria Toxicity  
Miscellaneous Toxicity

**— ENVIRONMENTAL TOXICITY —**  
The acute LC50 is 100 - 1000 mg/L based on component data.  
Chronic effects expected at 10 - 100 mg/L based on component data.  
Not determined.  
Not determined.  
Not determined.  
Not determined.  
The acute EC50 is > 1000 ppm based on component data.  
Not determined.

Biodegradation  
Bioaccumulation  
Soil Mobility

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

13	<b>Disposal Considerations</b>
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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	<b>Transport Information</b>
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ICAO/IATA I  
ICAO/IATA II  
IMDG  
IMDG EMS Fire  
IMDG EMS Spill  
IMDG MFAG  
MARPOL Annex II  
USCG Compatibility  
U.S. DOT Bulk  
DOT NAERG  
U.S. DOT (Intermediate)  
U.S. DOT Intermediate NAERG  
U.S. DOT Non-Bulk  
U.S. DOT Non-Bulk NAERG  
Canada  
Mexico

Not regulated.  
Not regulated.  
Not regulated.  
Not applicable.  
Not applicable.  
Not applicable.  
Not determined.  
Not determined.  
Not regulated.  
Not applicable.  
Not regulated.  
Not applicable.  
Not regulated.  
Not applicable.  
Not regulated.  
Not regulated.

**ANGLAMOL® 6055**

Bulk Quantity 85000 KG, 187391 lbs.  
Intermediate Quantity 11000 KG, 24251 lbs.  
Non-Bulk Quantity 400 KG, 882 lbs.

*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.

Taiwan May require notification before sale in Taiwan.

**- 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.

**- 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.

Finnish Registration Number Not Registered

Swedish Registration Number 421605-7

Norwegian Registration Number Not Registered

Danish Registration Number Not Registered

Swiss Registration Number 611500

Italian Registration Number Not Registered

**- Other / International -**

Miscellaneous Regulatory Information Not determined.

**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.

# ANGLAMOL® 6055

## Revision Indicators

This MSDS has no revisions since 30 September 2011

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