

# MATERIAL SAFETY DATA SHEET



## GEAR OIL 80W90

### Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Gear Oil 80W90
Product Code	405
Product Uses	Automotive Gear Oil
Company Name	Lubrimaxx Pty Ltd (ABN 2500 685 0415)
Address	30 Spencer St, Sunshine West, VIC 3020
Telephone Number	(03) 9300 6900
Fax Number	(03) 9312 3239
Emergency Tel.	1800 023 005
Internet Website:	www.lubrimaxx.com

### Section 2. HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	Product classified as Non-Hazardous according to NOHSC classifications
<b>Risk Phrase(s)</b>	None

### Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product contains mixture of paraffinics hydrocarbon distillates and performance additives

#### Ingredients:

Name	CAS Number	Proportion (%)
Additives determined not to be hazardous	N/A	5-20
Refined mineral oil	64742-65-0	To 100

### Section 4. FIRST AID MEASURES

**Inhalation:** Remove the source of contamination, vapor, dust, spray or fumes or move the victim to fresh air. If symptoms develop seek medical attention.

**Ingestion:** Do not induce vomiting. Seek immediate attention. For advice, contact Poisons Information Centre (Phone 131126).

**Skin:** Wash affected area thoroughly with soap and water. Immediately remove contaminated. If symptoms develop seek medical attention.

**Eye:** If contact with the eyes, wash with copious amounts of water for at least 15 minutes. If symptoms persist seek medical attention.

**First Aid Facilities:** Eye wash and normal wash room facilities.

**Advice to Doctor:** Treat symptomatically.

## **Section 5. FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing.

**Hazards from Combustion Products:** Depending on combustion conditions, a complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, will be evolved when this material undergoes combustion.

**Special Protective Equipment:** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) in case of fire.

## **Section 6. ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures:** Personnel involved in clean up required to wear appropriate personal protective equipment and clothing to minimize exposure. Ventilate spillage area. Isolate the spillage and prevent the material to enter drains, sewers, waterways and soil. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## **Section 7. HANDLING AND STORAGE**

**Precautions for Safe Handling:** Use in a well ventilated area. Store in cooled, well ventilated, low fire risk area, away from sources of heat or ignition.

Keep lids tightly closed.

Always wash hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage:** Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling. Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight.

## **Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**National Exposure Standards:** The TWA National Occupational Health And Safety Commission (NOHSC) exposure standard for oil mist is 5 mg/m<sup>3</sup>. As with all chemicals, exposure should be kept to the lowest possible levels.

**Engineering Controls:** Use only in well ventilated areas.

**Eye Protection:** Avoid contact with the eyes. Wear safety glasses or face shield to avoid eye contact or splashing.

**Hand Protection:** Avoid contact with skin. Impervious gloves recommended. Wear suitable protective clothing.

**Body Protection:** Not normally required. Where splashing is possible suitable work wear

should be worn to protect personal clothing.

**Respiratory protection:** Do not breathe dust, fumes or vapor. Use approved respirator when exposed to concentration above the exposure limit.

## **Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Clear amber liquid
Specific Gravity	0.869 typical
Viscosity	135cSt @40 <sup>0</sup> C Typical
Viscosity	14.5cSt @100 <sup>0</sup> C Typical
Boiling Point	Not available
Melting Point	Less than -20 <sup>0</sup> C
Flash point	Greater than 215 <sup>0</sup> C
pH Value	Not available
Flammability	Combustible liquid
Auto ignition temperature	Not available
Flammable limits	Not available
Solubility in water	Not soluble
Biodegradability	Not classified as biodegradable

## **Section 10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal conditions of storage and handling.

**Conditions to Avoid:** Heat, direct sunlight, open flames or other sources of ignition.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition products:** Carbon monoxide, carbon dioxide.

## **11. TOXICOLOGICAL INFORMATION**

**Toxicology Information:** The main constituents in this product are in accordance with Note L of the NOHSC Designated List of Hazardous Substances, the manufacturer has had the main constituents tested in accordance with IP346 and contain less than 3% polyaromatics.

**Inhalation:** Avoid breathing vapour, dust, sprays or fumes

**Ingestion:** Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Ingestion of large quantities may depress the central nervous system.

**Skin:** May cause irritating to skin. Avoid contact with skin

**Eye:** May cause irritation to eyes. A

**Chronic Effects:** Prolonged or repeated contact may result in skin irritation leading to dermatitis.

## **Section 12. ECOLOGICAL INFORMATION**

Do not allow product to enter waste water, river or creeks

### **Section 13. DISPOSAL CONSIDERATIONS**

Disposal method: In accordance with government regulations for the disposal of special waste. Always consider the recycling the product.  
Contact local council for correct disposal methods

### **Section 14. TRANSPORT INFORMATION**

Australian code for transport of Dangerous Goods by Road or Rail

U.N Number Not Available

U.N Proper Shipping Name Not available

Class Not available

Subsidiary Risk Not available

Packing Group Not available

Hazchem Code Not available

**Transport information:** Not classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road, Rail and Sea.

### **Section 15. REGULATORY INFORMATION**

**Poisons Schedule:** Not scheduled

### **Section 16. OTHER INFORMATION**

**Contact Point** Technical Manager

**Phone** (03) 9300 6900

**Literature References:** \* NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets

\* NOHSC:1008 Approved Criteria for Classifying Hazardous Substances

\* NOHSC:10005 List of Designated Hazardous Substances

**Disclaimer:** It is believed that the information given in this bulletin is accurate at the issue date. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

Lubrimaxx pursues a policy of ongoing research and development aimed at product improvement and therefore may change the formulation, specification and characteristics of its products without notice.

It is the user's responsibility to verify the current formulation, specification or characteristics of a product, and to ascertain that it is suitable for an intended use or application.

**Revision date:** September 2012