

# **FLEETLINE**

## **MATERIAL SAFETY DATA SHEET** **ENGINE OIL**

### **1. PRODUCT AND COMPANY IDENTIFICATION**

Trade Name	FLEETLINE AUTOMATIC GEAR OIL
Manufacturer/Supplier	FLEETLINE LUBRICANTS PO BOX 9699 Bloemfontein 9300
Fax	051 433 4337
Mobile	082 800 4599
E-mail	bertus@fleetline.co.za
Website	www.fleetline.co.za

### **2. COMPOSITION/INFORMATION ON THE COMPONENTS**

#### **Hazardous Components in Product**

Component Name	Codes	Concentration	R Phrases	Classification
Solvent Refined Mineral Oil		80.00 – 95.00		
Performance Agents		5.00 – 20.00		

### **3. HAZARD IDENTIFICATION**

Main Hazards	Not hazardous according to OSHA 29 CFR 1910.1200
Eyes	May cause eye irritation
Skin	No hazard providing normal cleansing is carried out. Liver and/or kidney damage have been reported to occur following Significant overexposures.
Ingestion	No problems expected for minor ingestion. However for amounts exceeding ½ litre give 1 or 2 glasses of water and call a doctor.
Inhalation	May cause irritation, dizziness or nausea if inhaled over a prolonged period especially whilst hot.

### **4. FIRST AID MEASURES**

First Aid – Eyes	Flush eyes immediately with fresh water for several minutes while holding the eyelids open. If irritation persists, see a doctor.
First Aid – Skin	Wash skin with soap and water.
First Aid – Ingestion	If swallow wash mouth with water. Obtain medical attention. Do not induce vomiting.
First Aid – Inhalation	Remove from exposure and if patient experiences irritation, nausea or unconsciousness, seek medical assistance.

**5. FIRE FIGHTING MEASURES**

Extinguishing Media	Use foam dry chemical, carbon dioxide or water fog.
Unsuitable Extinguishing Media	Do not use jet water.
Special Hazards of Product	No special hazards.
Protective equip, for Fire Fighting	Wear self-contained breathing apparatus for fires in enclosed spaces.

**6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or watercourses.
Spillages	Contain and absorb using diatomaceous earth or other inert material. Transfer into suitable containers for disposal.

**7. HANDLING AND STORAGE**

Handling	No special precautions are required.
Storage	Storage temperature should be controlled to between 1 and 40 °C. Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Occupational Exposure Standards OIL MIST, MINERAL	UK EH40: OES 5mg/m <sup>3</sup> 8 h TWA. UK EH40: OES 10 mg/m <sup>3</sup> 15 Min TWK.
Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depends on how the material is used on the potential for exposure. Use of the basic principles of industrial Hygiene will enable this be used safely.
Respiratory Protection	Respiratory protection is not normally required.
Hand Protection	No special protection needed. However good personal hygiene Practice should always be followed.
Eyes	Avoid eye contact. The wearing of chemical safety goggles or face shield is recommended.
Skin	Normal work wear.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Colour	Amber
Odour	Faint
pH	N/A
Boiling Range/Point ( °C)	Boils above 320 °C
Flash Point (PMCC) ( °C)	Exceeds 200 °C
Solubility in Water	Insoluble
Density (kg/m <sup>3</sup> M)	0.885 kg per litre
Auto – Flammability ( °C)	Above 350 °C
Viscosity (cST)	

**10. STABILITY AND REACTIVITY**

Stability	Stable under normal conditions
Conditions to Avoid	Strong oxidation
Materials to Avoid	Strong oxidizing agents
	Hazardous Decomposition Products Combustion will generate carbon monoxide and smoke possible thick and choking resulting in zero visibility.

**11. TOXICOLOGICAL INFORMATION**

Acute Toxicity	Low order of acute toxicity.
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**12. ECOLOGICAL INFORMATION**

Mobility	This product will leach into soil and will float on water.
Persistence / Degradability	This product is expected to biodegrade very slow with time.

**13. DISPOSAL**

Product Disposal	Dispose of in accordance with all applicable local and national regulations.
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Container Disposal	An approved drum recycle containers.
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**14. TRANSPORT INFORMATION**

Un Class	Not Classified
IMO Class	Not Classified
IMDG Class	Not Classified
IATA Class	Not Classified

**15. REGULATORY INFORMATION**

Labelling Information	Irritant.
Government Inventory Status	Not Established.
US Superfund Amendments	This product contains no "Extreme Hazardous Substances."

**16. OTHER INFORMATION**

MSDS First Issued	01 May 2001
MSDS Data Revised	08 November 2006
Product Use	Engine Oil
Revised by	W.B.Grimbeeck (Chemist/Blender)

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.