

MATERIAL SAFETY DATA SHEET

BLIXEM

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

None

This is an environmental friendly waterbase degreaser that is safe to use for Industrial and Food Industries. This product is readily degradable.

3. HAZARD IDENTIFICATION

Warning Statements	None flammable Harmful if swallowed. May cause dizziness and drowsiness. May cause eye and skin irritation. Aspiration hazard if swallowed. Keep out of reach of children. Avoid prolonged and repeated skin contact. If skin contact occurs, wash exposed area with soap and water. Launder contaminated clothing.
Eyes	May cause eye irritation
Oral	Expected to have slight acute toxicity by ingestion. Ingestion of this product and subsequent vomiting can result in aspiration into the lungs, causing chemical pneumonia and lung damage.
Inhalation	May cause symptoms of drowsiness or narcosis from inhalation of high vapour concentrations. See "long term Toxic Effects" and section 11 for additional information.
Skin	Irritating to the skin with discomfort or pain, redness, and swelling. Prolonged or repeated skin contact may be harmful. See section 11 for additional information. Prolonged or repeated skin contact may be harmful. See section 11 for additional information.
Long Term Toxic Effects	None

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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	Remove and launder contaminated clothing, including shoes. Wash skin thoroughly with soap and water. See a doctor if any signs or symptoms described in this MSDS occur.
First Aid – Ingestion	If swallowed and person is conscious, give water or milk to drink and seek prompt medical advice. DO NOT make person vomit unless directed to do so by medical personnel. If medical advice cannot be obtained, take the person with product container and label to the nearest medical emergency treatment centre or hospital. Never give anything by mouth to an unconscious person.
First Aid – Inhalation	If there are signs or symptoms as described in this MSDS due to breathing this material, move the person to fresh air. If breathing has stopped, apply artificial respiration. Call a doctor.
Advice to Doctor	This product may present an aspiration hazard. See related comments in this MSDS. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing as adverse effects of aspiration into the lungs may be delayed.

5. FIRE FIGHTING MEASURES

Ignition Temp (degrees C)	Non flammable
Fire Extinguishing Agents	N/A

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill:	Ventilate area.
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7. HANDLING AND STORAGE

Handling Storage	No special precautions are required. 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.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes	Avoid eye contact. The wearing of chemical safety goggles or face shield is recommended.
Skin	Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves. Protective clothing made from neoprene, nitrile, or n-butyl rubber is suitable in these applications.
Inhalation	None Required. However, an approved respirator is recommended if operating conditions generate vapour, mists or fumes, and if exposure cannot adequately be controlled by local exhaust ventilation. Wear approved respiratory protection such as a toxic dust, mist and fume respirator.
Ventilation	No special ventilation is usually necessary. However, if operating conditions create high airborne concentrations of this material, engineering controls may be needed. Local exhaust ventilation and/or enclosure of the process is preferred in these cases.
Exposure Limits	None established for product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor	Colourless to amber liquid
Vapor Pr (mmHg@ 25°C)	Low
Density (kg/l at 20°C)	1,05
Vapor Density	Not Determined
pH of Undiluted Product	10-12
Solubility (water)	Soluble
Percent volatile by Volume	Not Determined
Evaporation	Not Determined
Ingredients	Synthetic Detergents and phosphates

10. STABILITY AND REACTIVITY

Hazardous Polymerizations	Do not Occur
Products of Combustion	None
Conditions to Avoid	

11. TOXICOLOGICAL INFORMATION

General	This product contains synthetic detergents and phosphates. Reported effects include kidney damage from high doses or from prolonged or repeated exposure. While normal use of this material should not result in any adverse effects, we strongly recommend that the precautions outlined in this MSDS be followed to reduce skin contact and keep potential inhalation of mists to a minimum.
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12. ECOLOGICAL INFORMATION

Environmental Effects This product is expected to have a readily (>70%) rate of biodegradation, and a low potential to bio accumulate.

13. DISPOSAL

Waste Disposal Check governmental regulations and local authorities for approved Disposal of this material.

14. TRANSPORT INFORMATION

Un Class	Not Applicable
DGC	Not Applicable
Proper Shipping Name	Not Applicable
Hazchem Code	Not Applicable
Additional Information	None Determined

15. REGULATORY INFORMATION

Respirator	Respirators must follow AS/NZS 1715/1716 standard for approved respirators.
Information	In the absence of local approved authorities, follow US NIOSH/MSHA, UK BSI, or joint Australia – New Zealand A/NZS 1715/1716

16. OTHER INFORMATION

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.

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