

# Material Safety Data Sheet

CS: 1.4.22

Page: 1 of 4

Infosafe No™ CB0L4	Issue Date :August 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	-------------------------	--------------------	------------

Product Name : **FLEET-GEAR 30**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	FLEET-GEAR 30
Product Code	FG30
Company Name	PENRITE OIL COMPANY P/L (ABN 25005 001 525)
Address	88 Lewis Road Wantirna South Victoria 3152 Australia
Emergency Tel.	03 9801 0877 B.H
Telephone/Fax Number	Tel: 03 9801 0877
Recommended Use	Heavy duty transmission oil

## 2. HAZARDS IDENTIFICATION

Hazard Classification	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
Risk Phrase(s)	R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Phrase(s)	S24/25 Avoid contact with skin and eyes. S36/39 Wear suitable protective clothing and eye/face protection. S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Note: In accordance with Note L of the Worksafe designated List of Hazardous Substances, the manufacturer has had this product tested in accordance with IP 346. This product contains less than 3% polyaromatics and is therefore non hazardous.		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Additives	Mixture	<10%
	Ingredients Determined To Be Non Hazardous	Mixture	Balance
	Calcium long chain alkyl phenate sulphide	Proprietary	0-<2%
	Phenol, 4-dodecyl-	104-43-8	0-<0.5%
	Alkaryl polyether	Proprietary	0-<0.5%

## 4. FIRST AID MEASURES

Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.
Ingestion	Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye	If in eyes wash out immediately with water. Hold the eyelids apart and flush the eyes continuously for several minutes. If irritation develops or persists seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide, Dry Chemical, Foam and Water Fog.
------------------------------	---

# Material Safety Data Sheet

CS: 1.4.22

Page: 2 of 4

Infosafe No™ CB0L4	Issue Date :August 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	-------------------------	--------------------	------------

Product Name : **FLEET-GEAR 30**

<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, nitrogen oxides (NOx), sulphur oxides (SOx), sulphur compounds (H2S), aldehyde and smoke.
<b>Specific Hazards</b>	Combustible liquid. This product will burn if exposed to fire. Heating under fire conditions may result in the violent rupture of product containers.
<b>Precautions in connection with Fire</b>	Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material. If this material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. Dispose of waste in accordance with applicable local and national regulations.
-----------------------------	---

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry well-ventilated area away from heat, sources of ignition, incompatible materials, foodstuffs, clothing and out of direct sunlight. Keep containers closed and securely sealed when not in use and protect against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.
<b>Storage Regulations</b>	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m <sup>3</sup> . As with all chemicals, exposure should be kept to the lowest possible levels. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
<b>Biological Limit Values</b>	No Biological limit available.
<b>Engineering Controls</b>	Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
<b>Eye Protection</b>	Safety glasses with side shields, goggles or full-face shield are recommended as appropriate. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

# Material Safety Data Sheet

CS: 1.4.22

Page: 3 of 4

Infosafe No™ CB0L4	Issue Date :August 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	-------------------------	--------------------	------------

Product Name : **FLEET-GEAR 30**

<b>Hand Protection</b>	Wear gloves of impervious material. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Yellow liquid.
<b>Odour</b>	Mild petroleum oil like.
<b>Freezing Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	0.882 at 15°C
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Viscosity</b>	11.1 cSt (at 100°C) 98 cSt (at 40°)
<b>Flash Point</b>	240°C
<b>Flammability</b>	Class 2 Combustible liquid.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	When heated to decomposition, this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, nitrogen oxides (NOx), sulphur oxides (SOx), sulphur compounds (H2S), aldehyde and smoke.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract and may cause nausea and vomiting.
<b>Skin</b>	May cause irritation in contact with the skin. Symptoms may include redness and itching.
<b>Eye</b>	May cause eye irritation with symptoms including tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Repeated or prolonged skin contact may lead to dermatitic effects.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available
--------------------	---------------

# Material Safety Data Sheet

CS: 1.4.22

Page: 4 of 4

Infosafe No™ CB0L4	Issue Date :August 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	-------------------------	--------------------	------------

Product Name : **FLEET-GEAR 30**

<b>Persistence /</b>	Not available
<b>Degradability</b>	
<b>Mobility</b>	Not available
<b>Bioaccumulative</b>	Bioaccumulation is unlikely due to the very low water solubility of this
<b>Potential</b>	product, therefore bioavailability to aquatic organisms is minimal.
<b>Environ. Protection</b>	Do not allow product to enter drains, waterways or sewers.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal</b>	Dispose of waste according to federal, EPA and state regulations.
<b>Considerations</b>	

## 14. TRANSPORT INFORMATION

<b>Transport</b>	Not classified as a Dangerous Good, according to the Australian Code for the
<b>Information</b>	Transport of Dangerous Goods by Road and Rail.

## 15. REGULATORY INFORMATION

<b>Regulatory</b>	Not classified as Hazardous according to criteria of the National Occupational
<b>Information</b>	Health & Safety Commission (NOHSC), Australia.
	Not classified as a Scheduled Poison according to the Standard for the Uniform
	Scheduling of Drugs and Poisons (SUSDP).
<b>Poisons Schedule</b>	Not Scheduled

## 16. OTHER INFORMATION

<b>Date of preparation</b>	MSDS reviewed: Aug2008
<b>or last revision of</b>	MSDS superseded: Jan2006
<b>MSDS</b>	
<b>Contact Person/Point</b>	TITLE: Technical and Marketing Director
	TELEPHONE NUMBER: 03 9801 0877 B.H
	...End Of MSDS...

© Copyright ACOHS Pty Ltd  
Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed on this site is the intellectual property of Acohs Pty Ltd.  
Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed on this site is the intellectual property of Acohs Pty Ltd.  
The compilation of MSDS's displayed on this site is the intellectual property of Acohs Pty Ltd.  
Copying of any MSDS displayed on this site is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed on this site cannot be