

Material Safety Data Sheet



ENGINE OIL 20W-50 SF/CC

Infosafe™ No. ACQHY **Issue Date** August 2007 **Status** ISSUED by CALTEX **BS:** 1.9.21

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name ENGINE OIL 20W-50 SF/CC

Product Code 2866

Company Name Caltex Australia Petroleum Pty Ltd (ABN 17 000 032 128)

Address 2 Market Street, Sydney
NSW 2000

Emergency Tel. 1800 033 111

Telephone/Fax Number Tel: (02) 9250 5000
Fax: (02) 9250 5742

Recommended Use Passenger Car Motor Oil

Other Names None Listed

Other Information The most recent MSDS for this product can be obtained from the Caltex Australia website - 'www.caltex.com.au'.

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)

Other Information Note: In accordance with Note L of the NOHSC Designated List of Hazardous Substances, the manufacturer has had this product tested in accordance with IP346. This product contains less than 3% polyaromatics and is therefore not a carcinogenic

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Contains base oils and additives.

Ingredients	Name	CAS	Proportion
	Distillates, Petroleum, Solvent Dewaxed Heavy Paraffinic	64742-65-0	60-100 %
	Other ingredients determined not be hazardous	Not required	1-10 %

4. FIRST AID MEASURES

Inhalation	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. If irritation develops, seek medical attention.
Ingestion	DO NOT induce vomiting. Immediately wash mouth out with water. Seek immediate medical attention.
Skin	Remove contaminated clothing and wash before re-use. Wash thoroughly with soap and water. If irritation develops, seek medical attention.
Eye	If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops, seek medical attention.
First Aid Facilities	Eye wash and normal wash room facilities.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	In case of fire, use water fog, dry chemical or fine water spray. DO NOT use water jet.
Hazards from Combustion Products	Oxides of carbon.
Specific Hazards	Combustible. Fire-exposed container may rupture/explode.
Precautions in connection with Fire	Wear self contained breathing apparatus and full protective clothing to reduce the risk of exposure to combustion products and oxygen deficiency.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment to minimise exposure. 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. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Repeated or prolonged exposure to this material should be avoided in order to lessen the possibility of disorders. Prohibit sources of sparks, ignition and naked flames. Wear appropriate protective equipment. It is essential that all who come into contact with this material, maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet. Build-up of vapour or mist in the working atmosphere must be prevented. Ensure ventilation is adequate. DO NOT enter confined spaces where vapour or mist may have collected. Keep containers closed when not in use. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.
Conditions for Safe Storage	Combustible C2 for storage and handling purposes. Keep tightly closed in a dry, cool, well-ventilated area, out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the store-room reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all Local, State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)	FootNote
	Distillates, Petroleum, Solvent Dewaxed Heavy Paraffinic			5		as Oil mist, refined mineral
Biological Limit Values	No Biological limit available.					
Other Exposure Information	Worksafe Australia has assigned the following exposure standards for oil mists; SUBSTANCE TWA(8 Hr) STEL(15 Min) ppm mg/m3 ppm mg/m3 Oil (Highly refined mineral oil) - 5 - 10					
Engineering Controls	Provide sufficient ventilation to keep airborne levels to least possible levels. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, exhaust ventilation system is recommended.					
Respiratory Protection	Avoid breathing of vapours/mists. Where ventilation is inadequate and vapours/mists are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. 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.					
Eye Protection	Chemical safety glasses or face shield recommended as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.					
Hand Protection	Impervious gloves recommended as appropriate. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate					

risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown oil
Melting Point	<-20°C
Boiling Point	Not available
Solubility in Water	Not applicable
Specific Gravity	0.886
Flash Point	215°C (CC)
Flammability	Combustible. Avoid sources of ignition, heat and naked flames.
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available
Explosion Properties	Not available
Kinematic Viscosity	163 cSt @ 40°C 18.4 cSt @ 100°C

10. STABILITY AND REACTIVITY

Stability and Reactivity	Stable under normal conditions of storage and handling.
Incompatible Materials	Strong oxidising agents.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicology data available for this product.
Inhalation	May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms include sneezing, coughing, wheezing.
Ingestion	May cause irritation to the gastrointestinal system. Symptoms may include nausea, vomiting, diarrhoea and abdominal pain. Aspiration of vomited material moderately hazardous; unlikely owing to high viscosity of oil.
Skin	May cause irritation to skin, which can result in redness and itching.

Eye May cause irritation to eye which can result in redness, swelling, itching, stinging and excessive tearing.

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

12. ECOLOGICAL INFORMATION

Ecotoxicity No data is available for this material.

Persistence / Degradability No data is available for this material.

Mobility No data is available for this material.

Environment Protection Prevent substance from entering the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to federal, E.P.A, State and local regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

Packaging & Labelling No special packaging or labelling is required.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS reviewed: August 2007
MSDS superseded: Semptember 2002

Contact Person/Point CHEMICAL EMERGENCIES: 1 800 033 111
TECHNICAL ADVICE: 1300 364 169
Health & Safety Advisor
Tel: (02) 9250 5822 or (02) 9250 5900
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Print Date: 14/07/2009

BS: 1.9.21