

# Material Safety Data Sheet

## SELECT PLUS SEMI SYNTHETIC 10W-30

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Not classified as hazardous according to criteria of NOHSC

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SELECT PLUS SEMI SYNTHETIC 10W-30  
**Company Name** ACDELCO  
**Address** 191 Salmon Street Port Melbourne Melbourne  
VIC 3207  
**Emergency Tel.** 1800 638 556 (24hrs)  
**Recommended Use** Passenger car engine oil.  
**Other Names** None Listed

### 2. HAZARDS IDENTIFICATION

**Hazard Classification** Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Mineral oil		>60 %
	Ingredients determined not to be hazardous		Balance

### 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest

until recovered. If symptoms persist seek medical attention.

**Ingestion**

Do not induce vomiting. Wash out mouth thoroughly 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, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

**First Aid  
Facilities**

Eye wash and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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**Suitable  
Extinguishing  
Media**

Use carbon dioxide, dry chemical, foam, water fog or water mist.

**Hazards from  
Combustion  
Products**

Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxides of carbon, nitrogen, phosphorous and sulphur as well as unidentified organic and inorganic compounds

**Specific Hazards**

Combustible. This product will readily burn under fire conditions.

**Decomposition  
Temp.**

Not available

**Precautions in  
connection with  
Fire**

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

**Unsuitable  
Extinguishing  
Media**

Do not use full water jet.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Emergency  
Procedures**

Wear appropriate personal protective equipment and clothing to prevent 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, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

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## 7. HANDLING AND STORAGE

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**Precautions for Safe Handling** Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. 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 applicable local and national regulations.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**National Exposure Standards** No exposure standards have been established for this material, however, the TWA Safe Work, Australia exposure standards for oil mist, refined mineral oil is 5 mg/m<sup>3</sup>. As with all chemicals, exposure should be kept to the lowest possible levels.

**Biological Limit Values** No biological limits allocated.

**Engineering Controls** Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection** Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection** Wear gloves of impervious material, such as PVC, neoprene or nitrile rubber gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection** Suitable protective workwear should be worn when working with this material, e.g. cotton overalls buttoned at neck and wrist.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Clear amber liquid
<b>Odour</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	>316°C
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	0.871 at 15°C (typical)
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	<0.1 mmHg at 25°C
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	65 cSt at 40°C (typical) 9.8 cSt at 100°C (typical)
<b>Octanol/Water Partition Coefficient</b>	Not available
<b>Density</b>	Not available
<b>Flash Point</b>	210°C (typical)
<b>Flammability</b>	Combustible liquid C2 (AS 1940)
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available

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## 10. STABILITY AND REACTIVITY

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<b>Stability and Reactivity</b>	Reacts with incompatibles.
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.

<b>Conditions to Avoid</b>	Heat, flames and other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including oxides of carbon, nitrogen, phosphorous and sulphur as well as unidentified organic and inorganic compounds.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	No toxicity 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 causing nausea and vomiting.
<b>Skin</b>	Skin contact may cause irritation resulting in redness and itching.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Chronic Effects</b>	Prolonged or repeated exposure may result in irritation, with the possibility of dermatitis.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>Carcinogenicity</b>	Not considered to be a carcinogenic hazard.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitiser.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No ecological data are available for this material.
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Environment Protection</b>	Prevent this material entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal</b>	Dispose of waste according to applicable local and national
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**Considerations** regulations.

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## 14. TRANSPORT INFORMATION

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**Transport Information** Road and Rail Transport (ADG Code):  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):  
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):  
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**IMDG Marine Pollutant (MP)** No

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## 15. REGULATORY INFORMATION

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**Regulatory Information** Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule** Not Scheduled

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS** SDS Created: August 2013

**Literature References** Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.  
Standard for the Uniform Scheduling of Medicines and Poisons.  
Australian Code for the Transport of Dangerous Goods by Road & Rail.  
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.  
Workplace exposure standards for airborne contaminants, Safe work Australia.  
American Conference of Industrial Hygienists (ACGIH).  
Globally Harmonised System of classification and labelling of chemicals.

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End of MSDS

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