



Australia

SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Identifier	DETROIT CLASSIC (CF-2)
Other Names	
Manufacturer's Product Code	001A9306
Recommended Use	Engine Oil

Details of Supplier/Manufacturer

Company:	Penske Australia Pty Ltd
Address:	488 Blackshaws Road, Altona North, Victoria 3025
Phone:	(03) 9243 9292
Website:	www.penske.com.au

Emergency Telephone Numbers

All Hours:	1800 625 526
Poisons Information:	Australia: 13 11 26 New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

Hazardous chemical	Non-Hazardous Substance.
Non-dangerous goods	Non-Dangerous Good

Signal Word	NO SIGNAL WORD
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Hazardous chemical classification	Pictogram	Hazard statement
	No hazards symbol required.	Not classified as hazardous under CLP criteria.

Precautionary statements

<i>GENERAL</i>	No precautionary phrases.
<i>PREVENTATIVE</i>	No precautionary phrases.
<i>RESPONSE</i>	No precautionary phrases.
<i>DISPOSAL</i>	No precautionary phrases.

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Other Information

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOOD.

Not classified as hazardous according to the criteria of NOHSC, and not classified as Dangerous Goods according to the Australian Dangerous Goods Code.

Not a hazardous substance or mixture.

Other hazards: Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used oil may contain harmful impurities. Not classified as flammable but will burn.

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients Names and Proportions

Chemical Entity	CAS Number	Proportion (%)
Interchangeable low viscosity base oil (<20.5 cSt @ 40°C)*	Not assigned	0-90%

Other Information

Chemical nature: Highly refined mineral oils and additives. The highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IIP346.

*contains one or more of the following CAS-Number: 64742-53-6, 64742-54-7, 54742-55-8, 64742-56-9, 64742-65-0, 68037-01-4, 72623-86-0, 72623-87-1, 8042-47-5, 848301-69-9.

Hazardous components:

Chemical name: Interchangeable low viscosity base oil (<20.5cStA 40°C)*

EC-No.: Not assigned

Registration number: Not assigned

Classification (REGULATION (EC) No 1272/2008): Asp. Tox.1; H304

SECTION 4 FIRST AID MEASURES

Description of necessary first aid measures

Inhalation:	No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.
Skin Contact:	Remove contaminated clothing. Lush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.
Eye Contact:	Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.
Ingestion:	In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.

Symptoms caused by exposure

Inhalation:	No data available.
Skin Contact:	Oil acne, folliculitis signs, formation of black pustules and spots on the skin
Eye Contact:	Irritation.

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Ingestion:	Nausea, vomiting and/or diarrhoea.
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Medical attention and special treatment

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing equipment

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Do not use water in a jet.

Specific hazards arising from the chemical

Hazardous combustion product may include:

A complex mixture of airborne solid and liquid particulates and gases (smoke).

Carbon monoxide may be evolved if incomplete combustion occurs.

Unidentified organic and inorganic compounds.

Special protective equipment and precautions for fire fighters

Protective equipment for fire fighters: Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained Breathing Apparatus must be worn when PPROACHING A FIRE IN CONFINED SPACE.

Select fire fighter's clothing approved to relevant Standards (e.g. Europe:EN469).

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid contact with skin and eyes.

For emergency responders

Personal protective equipment (PPE)

Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers.

Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Slippery when spilt. Avoid accidents, clean up immediately.

Prevent from spreading by making a barrier with sand, earth or other containment material.

Reclaim liquid directly or in an absorbent.

Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling**General Precautions:**

Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols.
Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

Advice on Safe handling:

Avoid prolonged or repeated contact with skin.
Avoid inhaling vapour and/or mists.
When handling products in drums, safety footwear should be worn and proper handling equipment should be used.
Properly dispose of any contaminated rags or cleaning materials in order to prevent fires.

Avoidance of contact: Strong oxidising agents.

Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Use properly labelled and closable containers. Store at ambient temperature.
For containers or container linings, use mild steel or high density polyethylene.
Unsuitable material: PVC

Product Transfer

This material has the potential to be a static accumulator. Proper grounding and bonding procedures should be used during all bulk transfer operations.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measuresOccupational exposure limit values

Components with workplace control parameters:

Components: Oil mist, mineral

CAS-No.: Not Assigned

Value Type (Form of exposure): TWA ((inhalable fraction))

Control parameters/Permissible concentration: 5mg/m³

Basis: US.ACGIH Threshold Limit Values

Components: Oil mist, mineral

CAS-No.: Not Assigned

Value type (Form of exposure): TWA (Mist)

Control parameters/Permissible concentration: 5mg/m³

Basis: Australia. Workplace Exposure Standards for Airborne Contaminants.

Biological monitoring

No data available.

Engineering controls

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances.

Appropriate measures include:

Adequate ventilation to control airborne concentrations.

Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.

General Information:

Define procedures for safe handling and maintenance of controls.
 Educate and train workers in the hazards and control measures relevant to normal activities associated with this product. Ensure appropriate selection, testing and maintenance of equipment used to control exposure, e.g. personal protective equipment, local exhaust ventilation.
 Drain down system prior to equipment break-in or maintenance.
 Retain drain downs in sealed storage pending disposal or subsequent recycle.
 Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.
 Practice good housekeeping.

Individual protection measures

Eye and face protection:	If material is handled such that it could be splashed into eyes, protective eyewear is recommended.
Skin Protection:	<p>Skin protection is not ordinarily required beyond standard work clothes. It is good practice to wear chemical resistant gloves.</p> <p>Where hand contact with the product may occur the use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Applications of a non-perfumed moisturizer is recommended.</p> <p>For continuous contact we recommend gloves with breakthrough time more than 240 minutes with preference for >480 minutes where gloves can be identified. For short-term/splash protection we recommend the same, but recognize that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time maybe acceptable as long as appropriate maintenance and replacement regimes are followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove. Glove thickness should be typically greater than 0.35mm depending in the glove make and model.</p>
Respiratory protection:	<p>No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation.</p> <p>Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for the combination of organic gases and vapours [Type A/Type P boiling point >65°C(149°F)].</p>
Thermal hazards:	Not applicable.
Other Information:	Monitoring of the concentration of substance in the breathing zone s of workers in the general workplace may be required to confirm compliance with an OLE and adequacy of

	<p>exposure controls. For some substances biological monitoring may also be appropriate.</p> <p>Validated exposure measurement methods should be applied by a competent person and samples analysed by an accredited laboratory.</p> <p>Take the appropriate measures to fulfil the requirements of relevant environmental protecting legislation. Avoid contamination of the environment by following advice given in Chapter 6. If necessary, prevent undissolved material from being discharged to waste water. Waste water should be treated in a municipal or industrial waste water treatment plant before discharge to surface water. Local guidelines on emissions limits for volatile substances must be observed for the discharge of exhaust air containing vapour.</p>
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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, Amber
Odour:	Slight hydrocarbon
Odour threshold (ppm):	No data available
pH:	Not applicable
Melting point/freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	>280 °C
Flash point (°C):	250°C
Evaporation rate (Butyl acetate = 1):	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits (%):	No data available
Vapour pressure (mmHg @ 20°C):	<0.5 Pa (20°C)
Vapour density (air = 1):	>1
Density (g/ml @ 15°C):	899 kg/m3 (15.0°C)
Solubility:	Negligible
Partition coefficient: n-octanol/water:	Pow: >6
Auto-ignition temperature (°C):	>320°C
Decomposition temperature (°C):	No data available
Kinematic viscosity (mm ² /s @ 20°C):	138 mm²/s (40°C)

SECTION 10 STABILITY AND REACTIVITY

Reactivity

The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.

Chemical stability

Stable.

Possibility of hazardous reactions

Reacts with strong oxidising agents.

Conditions to avoid

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Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products are not expected to form during normal storage.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity:	Oral: LD50 rat: >5,000 mg/kg Dermal: LD50 Rabbit: >5,000 mg/kg
Skin corrosion/irritation:	Expected to be slightly irritating.
Serious eye damage/irritation:	Expected to be slightly irritating.
Respiratory or skin sensitisation:	Not considered to be an inhalation hazard under normal conditions of use.
Germ cell mutagenicity:	Not considered a mutagenic hazard.
Carcinogenicity:	Not expected to be carcinogenic.
Reproductive toxicity:	Not expected to impair fertility. Not expected to be a developmental toxicant.
Specific Target Organ Toxicity (STOT)– single exposure:	Not expected to be a hazard.
Specific Target Organ Toxicity (STOT)– repeated exposure:	Not expected to be a hazard.
Aspiration hazard:	Not expected to be a hazard.

Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. All used oils should be handled with caution and skin contact avoided as far as possible.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity

Fish –	No data available.
Aquatic invertebrate –	No data available.
Algae –	No data available.
Microorganisms –	No data available.

Chronic toxicity

Fish –	No data available.
Aquatic invertebrate –	No data available.
Algae –	No data available.
Microorganisms –	No data available.

Persistence and degradability

Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but contains components that may persist in the environment.

Bioaccumulative potential

Contains components with the potential to bioaccumulate. Partition coefficient: noctanol/water: Pow: >6

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Mobility in soil

Liquid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile. Floats on water.

Other adverse effects

Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential. Poorly soluble mixture. May cause physical fouling of aquatic organisms.

Mineral oil is not expected to cause any chronic effects to aquatic organisms at concentrations less than 1mg/l.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal

Waste from residues:

Waste product should not be allowed to contaminate soil or ground water, or be disposed of into the environment.

Waste, spills or used product is dangerous waste.

Disposal should be in accordance with applicable regional or national requirements and must be complied with.

Local regulations may be more stringent than national requirements and must be complied with.

Container Disposal

Contaminated packaging: Dispose in accordance with prevailing regulations, preferable to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand. Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 14 TRANSPORT INFORMATION

UN number:	None Allocated
Proper shipping name:	COMBUSTIBLE LIQUID – CLASS C2
Australian Dangerous Goods class:	C2
Australian Dangerous Goods packing group:	II
Hazchem code:	None Allocated

SECTION 15 REGULATORY INFORMATION

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	No data available
Australian Inventory of Chemical Substances (AICS):	All components listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	No data available

SECTION 16 OTHER INFORMATION

Date of preparation:	14/01/2016
Revision number:	2.1
Changes in this revision:	

This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. The supplier cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. The supplier makes no warranties, express or implied, and assumes no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact the supplier.
