



# SAFETY DATA SHEET

according to NOHSC:1015(2001) and NOHSC:2011(2003)

## Rear Axle Lubricant

Material number 68083381

Revision date: 7/2/2014

Version: 1

Language: en-AU

Date of print: 19/8/2014

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Classified as hazardous according to criteria of NOHSC.

## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

Trade name: Rear Axle Lubricant  
This safety data sheet pertains to the following products:  
68083381AA  
68083381GA

### Relevant identified uses of the substance or mixture and uses advised against

General use: Lubricant.

### Details of the supplier of the safety data sheet

Company name: Chrysler Australia Pty Ltd.  
Street/POB-No.: 437 Plummer Street, Port Melbourne  
Postal Code, city: AUS-3207 Melbourne  
Dept. responsible for information:  
After-Sales  
Telephone: +86 21 6192 7899  
E-mail: SDS@Chrysler.com

### Emergency telephone number

Telephone: 0459 988 123 / +61 (0)3 8698 0255

## 2. Hazards identification

### Other hazards

May be harmful if inhaled. Inhaling can lead to irritations of the respiratory tract and mucous membrane.

May cause skin irritation in susceptible persons. Prolonged skin contact may degrease the skin and may produce dermatitis.

Upon direct contact with eyes may cause burning, tearing, redness.

Following intake of large amounts: Potential health effects.

Special danger of slipping by leaking/spilling product.

## 3. Composition / information on ingredients

### Mixtures

Chemical characterization:

Oil mixture of the following listed substances with safe additions:

CAS No. 64742-65-0: Distillates (petroleum), solvent-dewaxed heavy paraffinic (1-5%)



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Hazardous ingredients:

CAS No.	Designation	Content	Classification
CAS 25371-54-4	Dimethyl octadecylphosphonate	1 - 5 %	Acute toxicity - inhalation - Category 4. Skin irritation - Category 2. Eye irritation - Category 2A. Specific target organ toxicity (single exposure) - Category 3.
CAS 91745-46-9	Amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide	1 - 5 %	Flammable liquid - Category 3. Acute toxicity - oral - Category 4. Serious eye corrosion - Category 1. Sensitisation - skin - Category 1. Aquatic toxicity - chronic - Category 2.

Additional information: Contains: Petroleum distillates, < 3% dimethylsulfoxide (DMSO) extract, according to IP 346.

### 4. First aid measures

- In case of inhalation: Move victim to fresh air, provide oxygen as needed. In case of irregular breathing or respiratory arrest provide artificial respiration. Seek medical treatment in case of troubles.
- In case of skin contact: After contact with skin, wash immediately with soap and plenty of water. Change contaminated clothing. In case of skin irritation, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
- After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth. Do not induce vomiting without medical assistance. Seek medical attention.

### Most important symptoms and effects, both acute and delayed

- In case of inhalation:  
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
- In case of ingestion: Can lead to damage in gastrointestinal tract.
- Other symptoms: Diarrhoea, nausea, vomiting.
- After contact with skin:  
Prolonged skin contact may degrease the skin and may produce dermatitis.
- After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### 5. Firefighting measures

#### Extinguishing media

Suitable extinguishing media:

Water fog, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet



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### Special hazards arising from the substance or mixture

Combustible.

In case of fire may be liberated: Sulphur oxides, nitrogen oxides (NO<sub>x</sub>), phosphorus oxides, carbon monoxide and carbon dioxide

### Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus. Wear protective equipment.

Additional information: Hazchem-Code: -

Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapours. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid contact with the substance. Do not breathe vapour/aerosol. Respiratory protection in case of aerosol or vapour formation. Wear protective equipment. Ensure adequate ventilation, especially in confined areas. Keep away from unprotected people.

### Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. If necessary notify appropriate authorities.

### Methods and material for containment and cleaning up

Collect with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents, or sawdust) and place in closed containers for disposal. Final cleaning. Dispose of waste according to applicable legislation.

Additional information: Eliminate all ignition sources if safe to do so. Use only non-sparking tools.

Special danger of slipping by leaking/spilling product.

## 7. Handling and storage

### Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.

Avoid contact with skin, eyes, and clothing.

Do not breathe vapour/aerosol. Respiratory protection in case of aerosol or vapour formation. Wear protective equipment.

When using do not eat, drink or smoke. Wash hands before breaks and after work.

Precautions against fire and explosion:

Keep away from heat sources, sparks and open flames. Use only non-sparking tools. Usual measures for fire prevention.

### Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place. Protect against heat /sun rays.

Hints on joint storage: Do not store with oxidizing agents. Keep away from food, drink and animal feedingstuffs.



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## 8. Exposure controls/personal protection

### Control parameters

Occupational exposure limit values:

Type	Limit value
Australia: OEL-TWA	5 mg/m <sup>3</sup> Oil fog

### Exposure controls

Provide for good room ventilation, suctioning/venting.

See also information in chapter 7, section storage.

### Personal protection equipment

#### Occupational exposure controls

Respiratory protection: Respiratory protection must be worn according to AS/NZS 1715 and AS/NZS 1716 whenever the WEL levels have been exceeded.

Hand protection: Protective gloves according to AS/NZS 2161.  
Glove material: Neoprene (0.5 mm) or nitrile rubber (0.11 mm).  
Breakthrough time: >480 min.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed eye protectors according to AS/NZS 1337.

Body protection: Recommended: Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with skin, eyes, and clothing. Change contaminated clothing. Do not breathe vapour/aerosol. Have eye wash bottle or eye rinse ready at work place. After work, wash hands and face. When using do not eat, drink or smoke.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state: liquid
Odour:	no data available
Odour threshold:	no data available
pH value:	no data available
Melting point/freezing point:	no data available
Initial boiling point and boiling range:	no data available
Flash point/flash point range:	> 200 °C
Evaporation rate:	no data available
Flammability:	combustible
Explosive properties:	no data available
Explosion limits:	no data available no data available
Vapour pressure:	no data available
Vapour density:	no data available
Density:	at 15 °C: 0.865 g/mL
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	no data available
Thermal decomposition:	no data available



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### Additional information

Viscosity, kinematic: at 40 °C: 62.13 mm<sup>2</sup>/s

## 10. Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions:  
No dangerous reactions with proper and specified storage and handling.

Conditions to avoid: Excessive heating. Keep away from sources of ignition.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products:  
In case of fire may be liberated: Sulphur oxides, nitrogen oxides (NO<sub>x</sub>), Phosphorus oxides, carbon monoxide and carbon dioxide

Thermal decomposition: no data available

## 11. Toxicological information

### Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.  
Acute toxicity (dermal): Lack of data.  
Acute toxicity (inhalative): Lack of data.  
Skin corrosion/irritation: Lack of data.  
Eye damage/irritation: Eye irritation - Category 2A = Causes serious eye irritation.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Sensitisation - skin - Category 1 = May cause an allergic skin reaction.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Lack of data.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

Other information: Further hazardous properties cannot be excluded.

### Symptoms

In case of inhalation:  
Inhaling can lead to irritations of the respiratory tract and mucous membrane.  
In case of ingestion: Can lead to damage in gastrointestinal tract.  
Other symptoms: Diarrhoea, nausea, vomiting.  
After contact with skin:  
Prolonged skin contact may degrease the skin and may produce dermatitis.  
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.



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## 12. Ecological information

### Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects.

Effects in sewage plants: Do not discharge waste and/or cleaning water via public sewer system.

### Persistence and degradability

Further details: no data available

### Mobility in soil

no data available

### Additional ecological information

General information: Do not allow to enter into ground-water, surface water or drains.

## 13. Disposal considerations

### Waste treatment methods

#### Product

Recommendation: Dispose of waste according to applicable legislation.

#### Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.

## 14. Transport information

### Land transport (ADR/RID)

Product designation: Not restricted

### Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: No

### Air transport (IATA)

Proper shipping name: Not restricted

### Further information

No dangerous good in sense of these transport regulations.

## 15. Regulatory information

### National regulations - Australia

Hazchem-Code: -

## 16. Other information

Text for labelling: Contains 1 - 5% Amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide.



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### Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.