



# SAFETY DATA SHEET

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

## DOT 4 - Brake Fluid

Material number 04549625

Revision date: 9/12/2013

Version: 1

Language: en-AU

Date of print: 20/8/2014

Page: 1 of 6

Not classified as hazardous according to criteria of NOHSC.

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

#### Product identifier

Trade name: DOT 4 - Brake Fluid  
This safety data sheet pertains to the following products:  
04549625AD  
04549625GD

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

General use: Fluid.

#### 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

Avoid breathing mist/vapours. Inhaling can lead to irritations of the respiratory tract and mucous membrane.  
In case of prolonged or frequently repeated skin contact: mild irritant.  
Upon direct contact with eyes may cause burning, tearing, redness.  
Special danger of slipping by leaking/spilling product.

### 3. Composition / information on ingredients

#### Mixtures

Chemical characterization:  
A mixture of 2-(2-(2-methoxyethoxy)ethoxy)ethanol, Triethylene glycol and additives.

### 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: Remove contact lenses, if any. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.



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After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth and drink large quantities of water. Do not induce vomiting without medical assistance. Call a physician immediately.

### 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: Gastrointestinal complaints, diarrhoea, nausea, vomiting.

After contact with skin:

In case of prolonged or frequently repeated skin contact: mild irritant, redness, oedema (swelling).

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

### Special hazards arising from the substance or mixture

In case of fire may be liberated: Toxic gases/vapours, 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. If vapours form, use respiratory protection. 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

Plug leak if safely possible. 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. Wash spill area with plenty of water. Dispose of waste according to applicable legislation.

Additional information: Remove all sources of ignition.

Special danger of slipping by leaking/spilling product.



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## 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. Wear protective equipment.

When using do not eat, drink or smoke.

Precautions against fire and explosion:

Keep away from heat sources, sparks and open flames. Usual measures for fire prevention.

### Storage

Requirements for storerooms and containers:

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

Hints on joint storage:

Do not store together with acids/alkalies and oxidation agents.

Keep away from food, drink and animal feedingstuffs.

## 8. Exposure controls/personal protection

### 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: If vapours form, use respiratory protection.

Use filter type A (= against vapours of organic substances) according to AS/NZS 1716.

Hand protection:

Protective gloves according to AS/NZS 2161.

Glove material: Neoprene or Rubber.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection:

Tightly sealed eye protectors according to AS/NZS 1337.

Body protection:

Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with skin, eyes, and clothing. Change contaminated clothing.

Do not breathe vapour/aerosol. Wear protective equipment.

Have eye wash bottle or eye rinse ready at work place.

After work, wash hands and face.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:

Physical state: liquid

Colour: yellow

Odour:

mild

Odour threshold:

no data available

pH value:

at 50%: 7.4

Melting point/freezing point:

no data available

Initial boiling point and boiling range:

> 260 °C

Flash point/flash point range:

148 °C (coc)

Evaporation rate:

no data available



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Flammability: no data available  
Explosive properties: no data available  
Explosion limits: no data available  
no data available  
Vapour pressure: no data available  
Vapour density: 7  
Density: at 16 °C: 1.08 g/mL  
Water solubility: completely soluble  
Partition coefficient: n-octanol/water: no data available  
Auto-ignition temperature: no data available  
Thermal decomposition: no data available

### Additional information

Viscosity: -  
Additional information: no data available

## 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, acids, bases  
Hazardous decomposition products: In case of fire may be liberated: Toxic gases/vapours, carbon monoxide and carbon dioxide  
Thermal decomposition: no data available



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## 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: Lack of data.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Lack of data.  
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: 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: Gastrointestinal complaints, diarrhoea, nausea, vomiting.  
After contact with skin:  
In case of prolonged or frequently repeated skin contact: mild irritant, redness, oedema (swelling).  
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

## 12. Ecological information

### Toxicity

Further details: no data available

### 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.



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### 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

Date of first version: 9/12/2013

### 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.