



Safety Data Sheet

Issue Date: 22 June 2015

Issued by: Royal Precision Lubricants

Page 1 of 5

Product Name: Brake Fluid Dot 4

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Brake Fluid Dot 4
Product Code 6010

Company Name Royal Precision Lubricants Pty Limited (ABN 72 155 989 165)
Address 40 Kimberly Road, Dandenong South, Vic., 3175.
Telephone +61 3 9768 2441
Fax +61 3 9768 3325

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.NON-DANGEROUS GOODS.

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Risk Phrase(s)

Not classified as hazardous according to criteria of NOHSC

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Name | CAS | Proportion |
|------------------------------------|-----|------------|
| Non hazardous component(s) to 100% | | - |

Preparation Description

Clear amber coloured liquid with a characteristic odour.

4. FIRST AID MEASURES

First Aid Measures

For advice, contact a Poisons Information Centre (For example; Australia 131 126; New Zealand 0 800 764 766) or a doctor.

Inhalation

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Ingestion

Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Do not give anything to an unconscious person. Seek immediate medical assistance.

Skin

Product Name: Brake Fluid Dot 4

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Advice to Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES**Suitable Extinguishing Media**

Use an extinguishing agent suitable for the surrounding fire.

Hazards from Combustion Products

Oxides of carbon and nitrogen. Hydrocarbon compounds.

Special Protective Equipment for fire fighters

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA).

Specific Methods

Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. If safe to do so, remove containers from the path of fire. On burning will emit toxic fumes. Keep containers cool with water spray. Fire fighters to wear self contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Other Information

This product is COMBUSTIBLE at elevated temperatures. Irritating and/or harmful vapours may be emitted under fire conditions.

6. ACCIDENTAL RELEASE MEASURES**Emergency Procedures**

Wear protective equipment to prevent skin and eye contact. Avoid breathing in vapours. Dilute with water - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Spills & Disposal

Contain spills with inert absorbent material (eg. sand, earth). Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Avoid skin and eye contact and breathing in vapour. Ensure good ventilation.

Conditions for Safe Storage

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks or build up of pressure.

Product Name: Brake Fluid Dot 4

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No value assigned for this specific material by Safe Work Australia.

Engineering Controls

Use in well ventilated areas. If inhalation risk exists; use with local exhaust ventilation or while wearing organic vapour respirator. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal Protective Equipment

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls and safety glasses. Impervious gloves may be used for prolonged/repeated contact. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated and other protective equipment before storage or reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

FormLiquid

Appearance Amber liquid.

Odour Characteristic

Freezing Point not available

Boiling Point approx 277°C

Solubility in Water fully miscible

Specific Gravity 1.074

pH Value 8.5

Flash Point

>120C CC

Auto-Ignition Temperature not available

10. STABILITY AND REACTIVITY

Chemical Stability

No dangerous reactions or incompatible materials known.

Conditions to Avoid

Avoid excessive heat and high sources of energy.

Incompatible materials

Incompatible with strong acids and strong oxidising agents.

Hazardous Reactions

Product is stable under normal conditions of use, storage and temperature.

Hazardous Polymerization

Product will not undergo polymerisation.

11. TOXICOLOGICAL INFORMATION

Health Hazard

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Product Name: Brake Fluid Dot 4

Inhalation

Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion

No known significant effects.

Skin

No known significant effects.

Eye

No known significant effects.

Chronic Effects

Dermatitis may occur from chronic and prolonged skin exposure. Contains materials which may cause damage to kidneys and/ or liver. Some ingredients showed reproductive toxicity in animal studies with high level oral exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid contaminating waterways. No specific information available.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Empty containers must be decontaminated and destroyed. Normally suitable for incineration by an approved agent.

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 or NZS 5433:1999 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as a Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

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

U.N. Number None Allocated

DG Class

None Allocated

Packing Group None Allocated

Product Name: Brake Fluid Dot 4

15. REGULATORY INFORMATION

Regulatory information

Not classified as hazardous according to criteria of NOHSC

NON-HAZARDOUS SUBSTANCE. NOT SCHEDULED POISON.

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule Not Scheduled

Australia (AICS)

All ingredients are listed or exempt.

Contact Point: Technical Manager

Phone: 07 3203 2833

....End of MSDS....

The information contained in this MSDS is as accurate as we can ascertain at this time. However, as the information is gleaned from a number of third party sources Otech Australia can make no warranty, guarantee or statement as to the reliability or completeness of the information. Otech Australia will not accept liability of any damages whatsoever arising from the reliance of this information. It is the responsibility of the person handling the product to satisfy themselves as to the suitability and completeness of such information for their own use.