

SAFETY DATA SHEET

PROTEX DOT 4 BRAKE FLUID

Issued Date: 01/12/2017

Issued by: AAD

1. IDENTIFICATION

Product Identifier

PROTEX DOT 4 BRAKE FLUID

Product Code

AC-25

Company Name

AUSTRALIAN AUTOMOTIVE DISTRIBUTION

Address

2-10 Bliss Crt

Derrimut VIC Australia

Telephone/Fax Number

Tel: 03 8369 1300

Fax: 03 8369 1475

Emergency phone number

03 8369 1300

Recommended use of the chemical and restrictions on use Automotive brake fluid

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

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
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 (Phone eg. 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

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 contact

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, including any incompatibilities

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.

Storage Regulations

Classified as a Class C1 (Combustible Liquid) for the purpose of storage and handling, in accordance with the requirements of AS1940.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

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

Appropriate 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

Form

Liquid

Appearance

Amber liquid.

Odour

Characteristic

Freezing Point

not available

Boiling Point

approx 277°C

Solubility in Water

fully miscible

Specific Gravity

1.074

pH

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.

Possibility of hazardous reactions

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

Hazardous Polymerization

Product will not undergo polymerisation.

11. TOXICOLOGICAL INFORMATION

Ingestion

No known significant effects.

Inhalation

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

Skin

No known significant effects.

Eye

No known significant effects.

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:

Chronic Effects

Dermatitis may occur from chronic and prolonged skin exposure. Contains materials which may cause damage to kidneys and 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

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

Australia (AICS)

All ingredients are listed or exempt.

16. OTHER INFORMATION

Other Information

Version: 4

Reason(s) for Issue: Updated as per requirements.

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.
