

SAFETY DATA SHEET

Section 1: IDENTIFICATION OF MATERIAL & SUPPLIER

Supplier: Direct Source Australia Pty Ltd (ABN: 54 126 430 840)
Supplier Contact Details: 4 Leanne Crescent, Lawnton Qld 4501
Ph. 61 7 3205 4714 Fax. 61 7 3205 2578
sales@directsourceaus.com.au

Product Name LoadForce Brake Fluid
Product Code BF500, BF5, BF20
Other Names: Dot 4 Brake Fluid
Recommended Use: Automotive brake fluid
Package sizes: 500ml, 5L, 20L

Emergency Telephone Number: Poisons Information Centre (National) 13 11 26

Section 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)

Precautionary statement(s): general P102- Keep out of reach of children.

Important The SDS and the Hazard Classifications contained therein, only apply to the produce in its concentrated form, as supplied. Good hygiene and housekeeping practices should be adhered to.

Section 3: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No	Proportion
2-(2-methoxyethoxy) ethanol	111-77-3	<3% w/w
6-tert-butyl-2,4-xlenol	1879-09-0	0.025-0.25% w/w
Non-hazardous component (s) to 100%	Various	to 100% w/w

Preparation Description Clear amber coloured liquid with a characteristic odour.

Section 4: FIRST AID MEASURES

First Aid Measures For advice, contact a doctor or Poisons Information Centre Phone Australia 131126

Inhalation (Breathing) Remove victim from area of exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if symptoms persist.

Ingestion (Swallowing)	Do NOT induce vomiting. Wash mouth out with water. Give water to drink. If vomiting occurs give further water. Do not give anything to an unconscious person. Seek immediate medical advice.
Skin (Contact)	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. Show this SDS to the medical practitioner.

Section 5: FIREFIGHTING MEASURE

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 the 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.

Section 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. Collect and seal in properly labelled containers for disposal. If contamination of sewers or waterways has occurred advise local emergency services.
Spillage & Disposal	Contain spills with inert absorbent material. Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

Section 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 incompatibles	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

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values	No value assigned for this specific material by Safe Work Australia
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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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Amber liquid
Odour	Characteristic
Freezing Point	Not available
Boiling Point	Approximately 277°C
Solubility in Water	Miscible
Specific Gravity	1.074 @ 20°C
pH	8.5
Flash Point	Not flammable

Section 10: STABILITY AND REACTIVITY

Reactivity	Stable at normal temperatures and pressure.
Conditions to Avoid	Avoid excessive heat and high sources of energy.
Incompatible materials	Reducing agents, oxidising agents.
Hazardous Decomposition	Thermal decomposition may result in the release of toxic and/or irritating fumes.

Section 11: TOXICOLOGICAL INFORMATION

Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation	Not considered to be an inhalation hazard.
Skin	No known significant effects.
Eye	Concentrated product may cause eye irritation.
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 effect that may arise if the product is mishandled and overexposure occurs are:

Chronic Exposure	No known effects.
Toxicology information	Not toxic, based on ingredients. Oral LD50 (ATE calculated) :>2,000 mg/kg.
Respiratory sensitisation	Not expected to be a respiratory sensitizer.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways. No specific information available.
Acute Aquatic Toxicity product (as sold)	Not classified as harmful to aquatic life. LC50 > 100mg/L
Persistence and degradability	Biodegradable, based on ingredients.
Bio accumulative potential	No bioaccumulation is expected.
Mobility in soil	Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	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.
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Section 14: TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail.

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.

UN Number	None allocated
UN Proper shipping name	None allocated
Transport hazard class(es)	None allocated

Section 15: REGULATORY INFORMATION

GHS Classification	Not classified as Hazardous according to the globally harmonised system of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.
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Australia (AICS) All ingredients are listed or exempt.

Poisons Schedule (SUSDP) Not Scheduled

Section 16: OTHER INFORMATION

Contact Details:	Poisons Information Centre	13 11 26
	Supplier:	Date of preparation:
	Matthew Allen	February 2025
	Direct Source Australia Pty Ltd	
	4 Leanne Crescent	
	Lawnton Qld 4501	
	Ph 61 7 3205 4714	

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.

This document is based on information concerning the product which has been provided by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While we have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Direct Source Australia Pty Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

The recommendation for protective equipment contained within this SDS is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a SDS which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.