

# 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](mailto:sales@directsourceaus.com.au)

**Product Name** **LoadForce Brake Fluid**

**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)

## Section 3: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No	Proportion
Non hazardous component (s) to 100%		to 100%
<b>Preparation Description</b>	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 131136

**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

<b>Suitable Extinguishing Media</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Hazards from Combustion Products</b>	Oxides of carbon and nitrogen. Hydrocarbon compounds.
<b>Special Protective Equipment for fire fighters</b>	Fire fighters should wear full protective clothing and self contained breathing apparatus (SCBA).
<b>Specific Methods</b>	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.
<b>Other information</b>	This product is COMBUSTIBLE at elevated temperatures. Irritating and/or harmful vapours may be emitted under fire conditions.

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	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.
<b>Spillage &amp; Disposal</b>	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

<b>Precautions for Safe Handling</b>	Avoid skin and eye contact and breathing in vapour. Ensure good ventilation.
<b>Conditions for safe storage, including any incompatibles</b>	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.
<b>Storage regulations</b>	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

<b>Occupational exposure limit values</b>	No value assigned for this specific material by Safe Work Australia
<b>Appropriate Engineering Controls</b>	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.
<b>Personal Protective Equipment</b>	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

<b>Form</b>	Liquid
<b>Appearance</b>	Amber liquid
<b>Odour</b>	Characteristic
<b>Freezing Point</b>	Not available
<b>Boiling Point</b>	Approximately 277°C
<b>Solubility in Water</b>	Fully miscible
<b>Specific Gravity</b>	1.074
<b>pH</b>	8.5
<b>Flash Point</b>	>120C CC
<b>Auto-Ignition Temperature</b>	Not available

## Section 10: STABILITY AND REACTIVITY

<b>Chemical Stability</b>	No dangerous reactions or incompatible materials known.
<b>Conditions to Avoid</b>	Avoid excessive heat and high sources of energy.
<b>Incompatible materials</b>	Incompatible with strong acids and strong oxidising agents.
<b>Possibility of hazardous reactions</b>	Product is stable under normal conditions of use, storage and temperature.
<b>Hazardous Polymerization</b>	Product will not undergo polymerisation.

## Section 11: TOXICOLOGICAL INFORMATION

<b>Ingestion</b>	No known significant effects.
<b>Inhalation</b>	Exposure to decomposition products may cause a health hazard. Serious effect may be delayed following exposure.
<b>Skin</b>	No known significant effects.
<b>Eye</b>	No known significant effects.
<b>Health Hazard</b>	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:
<b>Chronic Effects</b>	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.

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Avoid contaminating waterways. No specific information available.
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## Section 13: DISPOSAL CONSIDERATIONS

<b>Disposal method</b>	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**

**Poisons Schedule (SUSDP)** Not Scheduled

**Australia (AICS)** All ingredients are listed or exempt.

**Section 16: OTHER INFORMATION**

<b>Contact Details:</b>	<b>Poisons Information Centre</b>	<b>13 11 26</b>
	<b>Supplier:</b>	<b>Date of preparation:</b>
	Matthew Allen	January 2020
	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.