



STATEMENT OF HAZARDOUS NATURE

Non-Hazardous According to Criteria of Worksafe Australia

IDENTIFICATION

Product Name:	Liquid Intelligents 121 "Heavy Duty Dot 4 Brake Fluid"
Chemical Name:	Brake Fluid
Manufacturer's Product Code:	121
UN Number:	None allocated
Dangerous Goods Class:	C1
Subsidiary Risk[s]:	None allocated
Hazchem Code:	None allocated
EPG NO.:	None allocated
Poisons Schedule Number:	Not a scheduled poison
Toxic and Hazardous	Not a scheduled poison
Ingredients:	Blend of Polyglycols & Alkyl Ethers
Uses:	Hydraulic fluid in vehicle's braking system

PHYSICAL DESCRIPTION AND PROPERTIES

Colour:	Green
Appearance:	Green clear liquid
Form:	Liquid
Softening Point:	Not required
Boiling Point:	258°C
Vapour Pressure:	Not applicable
Specific Gravity:	1.05 – 1.06 @ 20°C
Volatiles by Volume:	No data
Evaporation Rate:	No data
Vapour Density:	No data
Odour:	Low
Solubility in Water (g/l):	Partially soluble in water, soluble in alcohols.

FLASH POINT

Flash Point:	150°C
Flammability Limits Upper:	Not applicable
Flammability Limits Lower:	Not applicable
Auto ignition Temperature:	No Data

INGREDIENTS

Chemical Name	CAS Number	Proportion
Blend of Polyglycols & Alkyl Ethers		
Glycols Esters	----	99%
Corrosion Inhibitors	----	<1%

MATERIAL SAFETY DATA SHEET

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Acute:

- Swallowed:** Could cause headache and abdomen pain.
- Skin:** May cause skin sensitisation. Repeated exposure to the skin can cause hardening.
- Eyes:** Mild eye irritant.
- Inhaled:** May irritate the respiratory tract if exposed to the vapour, not normally a risk and reversible.

- Chronic:** Repeated or prolonged skin contact may lead to irritant contact dermatitis.

FIRST AID:

- Swallowed:** Immediately rinse mouth with water. DO NOT induce vomiting. Give 1 to 3 cups of water to dilute. Seek medical assistance.
- Skin:** Wash contaminated skin with plenty of mild soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice
- Eyes:** Rinse affected eye/s thoroughly with warm gently running water, holding apart the upper & lower eyelid/s occasionally, for at least 15 minutes. If irritation persists, seek medical advice.

- ADVICE TO DOCTOR:** After emesis, treat symptomatically.

PRECAUTIONS FOR USE:

- Personal Protection:** Avoid contact with the skin and eyes, and avoid breathing vapours and mists. When exposure is likely, personal protective equipment in a combination appropriate to the exposure.
- Flammability:** AS1940 Classification – Class C1 combustible liquid.

SAFE HANDLING INFORMATION

- Storage and Transport:** Store in a cool place and out of direct sunlight. Store away from acids, alkalis, oxidising agents especially Nitric acid. Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road and rail.
- Ventilation:** General or local ventilation should be used to control airborne levels.
- Handling:** This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.



MATERIAL SAFETY DATA SHEET

Storage Temperature: Store in a cool dry well ventilated place.

UN Class: None allocated

Packaging Group: None allocated

UN Number: None allocated

EPG Number: No Data

Correct Shipping Name: Brake Fluid Dot 4

Spills and Disposals: Slippery when split. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours.

Environmental Precautions: Prevent product from entering drains, watercourses and sewers. If product enters drains, watercourses and sewers inform Police, Fire Brigade and Local Authorities immediately.

Recovery: Collect into suitable containers for disposal. If required ventilate the area immediately & disposed of in accordance with local environmental protection legislation.

DANGER OF VIOLENT REACTION OR EXPLOSION: NO

Can react with acids and strong oxidising agents.

Fire/Explosion Hazard: AS1940 Classification – Class C1 combustible liquid.

Decomposition Products: Not applicable

Hazchem Code: None allocated

CONTACT POINT:

Mr Peter Maher
 Liquid Intelligents Pty Ltd
 14 Underwood Ave, Botany. NSW, 2019, Australia
 Ph 02-9700-0880. Fax 02-9700-0881.
 Mob 0423-593-261

24 Hour Emergency Tel No. Above Mobile
Emergency Services Dial 000

Disclaimer:

 Liquid Intelligents, provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. LIQUID INTELLIGENTS, MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, LIQUID INTELLIGENTS WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.
