

**STATEMENT OF HAZARDOUS NATURE**

Non-Hazardous According to Criteria of Worksafe Australia

**IDENTIFICATION**

<b>Product Name:</b>	Liquid Intelligents 120 "Heavy Duty Dot 4 Brake Fluid"
<b>Chemical Name:</b>	Brake Fluid
<b>Manufacturer's Product Code:</b>	120
<b>UN Number:</b>	None allocated
<b>Dangerous Goods Class:</b>	C1
<b>Subsidiary Risk[s]:</b>	None allocated
<b>Hazchem Code:</b>	None allocated
<b>EPG NO.:</b>	None allocated
<b>Poisons Schedule Number:</b>	Not a scheduled poison
<b>Toxic and Hazardous</b>	Not a scheduled poison
<b>Ingredients:</b>	Blend of Polyglycols & Alkyl Ethers
<b>Uses:</b>	Hydraulic fluid in vehicle's braking system

**PHYSICAL DESCRIPTION AND PROPERTIES**

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

**FLASH POINT**

<b>Flash Point:</b>	150 °C
<b>Flammability Limits Upper:</b>	Not applicable
<b>Flammability Limits Lower:</b>	Not applicable
<b>Auto ignition Temperature:</b>	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

<b>Storage Temperature:</b>	Store in a cool dry well ventilated place.
<b>UN Class:</b>	None allocated
<b>Packaging Group:</b>	None allocated
<b>UN Number:</b>	None allocated
<b>EPG Number:</b>	No Data
<b>Correct Shipping Name:</b>	Brake Fluid Dot 4
<b>Spills and Disposals:</b>	Slippery when split. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours.
<b>Environmental Precautions:</b>	Prevent product from entering drains, watercourses and sewers. If product enters drains, watercourses and sewers inform Police, Fire Brigade and Local Authorities immediately.
<b>Recovery:</b>	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.

<b>Fire/Explosion Hazard:</b>	AS1940 Classification – Class C1 combustible liquid.
<b>Decomposition Products:</b>	Not applicable
<b>Hazchem Code:</b>	None allocated

**CONTACT POINT:**

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<b><u>24 Hour Emergency Tel No.</u></b>	<b>Above Mobile</b>
<b><u>Emergency Services</u></b>	<b>Dial 000</b>

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