



Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name: **Fortron BRAKE CLEANER – WATER BASED**

Other Names: **BRAKE CLEANER – WATER BASED
FBCW20 – 20 litre plastic container**

Recommended Use: For spray or brush application to brake parts.

Supplier: Fortron Automotive Treatments Pty Ltd
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2. HAZARDS IDENTIFICATION:

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

Hazard Identification: Not classified as Hazardous

Risk Phrase:

Safety Phrase:

3. COMPOSITION/INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion % w/w</u>
Water		> 50%
Methoxy Propanol	107-89-2	35%



4. FIRST AID MEASURES:

- Swallowed: If swallowed **DO NOT** induce vomiting. Give a glass of water to drink. Seek medical advice.
- For advice, contact a Poisons Information Centre. Phone Australia 13 1126; New Zealand 03 4747 000 (Not after May 2005) or 0800 764 766; or a doctor (at once).
- Eye: Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- Skin: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
- Inhaled: Remove victim to fresh air.
- First Aid Facilities: Safety shower, mild soap and eye wash facilities.
- Advice to Doctor:

5. FIRE FIGHTING MEASURES:

- Extinguishing Media: Extinguish using water, carbon dioxide, foam or dry powder extinguishers.
- Unusual Fire & Explosion Hazards: May release oxides of carbon in fire.
- Fire Fighting Precautions: Low hazard.
- Hazchem Code: Not applicable

6. ACCIDENTAL RELEASE MEASURES:

- Emergency Procedures: No special requirements for product.
- Methods and Materials For Containment and Clean Up: Small Spills/Large Spills: Collect and dispose in accordance with local regulations. Small spillages may be flushed to drain with copious water.
- Dispose off according to State Land Management Authority regulations.

7. HANDLING AND STORAGE:

Precautions for Safe Handling: The wearing of rubber gloves is recommended, as is appropriate face mask if spraying.

Conditions for Safe Storage: Keep container sealed when not in use, and store in a cool dry place. Avoid contact with oxidising agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

National Exposure Standards: Not established for this product.

Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL).

Time-weighted average (TWA) is defined as the concentration of that substance over an eight-hour working shift, and apply to an eight-hour day, for a five-day working week over an entire working lifetime. Short Term Exposure Limits (STEL) and Peak Limitations may also be specified for short periods of exposure such as 15 minutes.

Engineering Controls: Natural ventilation is adequate.

Personal Protective Equipment: The wearing of rubber gloves is recommended, as is appropriate face mask of spraying.

Hygiene Recommendations: Follow normal industrial/chemical hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Clear mobile liquid
Odour:	
pH:	Neutral
Vapour Pressure:	mmHg deg°C same as water
Vapour Density:	
Boiling Point:	> 105°C
Melting Point:	< -5°C
Solubility in Water:	Soluble in water
Specific Gravity:	Approx 1.0
Flashpoint:	> 61°C
Flammability Limits:	LEL Not assigned UEL Not assigned
Auto Ignition Temperature:	
Volatiles:	100%



10. STABILITY AND REACTIVITY:

Chemical Stability:	No special requirements.
Conditions to Avoid:	No special requirements.
Incompatible Materials:	No special requirements.
Hazardous Decomposition Products:	No special requirements.
Hazardous Reactions:	May release oxides of carbon in fire.

11. TOXICOLOGICAL INFORMATION:

HUMAN HEALTH HAZARDS - ACUTE

Swallowed:	Low Hazard. May cause feelings of nausea. Large doses may lead to central nervous system depression. Aspiration may severely damage lungs.
Eye:	Mild irritant. May cause redness and temporary irritation.
Skin:	Low Hazard. Prolonged contact may cause redness and irritation.
Inhaled:	Low hazard. Low volatility. Spray mist may be irritating to nose, throat and respiratory tract.
Exposure Limits:	Estimated LD50 (rat) Oral : 13000 mg/kg Dermal : 33000 mg/kg

12. ECOLOGICAL INFORMATION:

Ecotoxicity:	None established for this product.
Persistence and Degradability:	Biodegradable.
Mobility:	None established for this product.

13. DISPOSAL CONSIDERATIONS:

Disposal Methods and Containers:	Collect and dispose in accordance with local regulations. Small spillages may be flushed to drain with copious water.
Special Precautions for Landfill or Incineration:	No special requirements.



14. TRANSPORT INFORMATION:

UN Number: None Allocated

UN Proper Shipping Name:

Class and Subsidiary Risk: None Allocated

Packaging Group: None Allocated

Special Precaution for User: None Allocated

Hazchem Code: None Allocated

Poisons Schedule: None Allocated

Not classified as hazardous for transport (ADG,UN,IATA/ICAO)

15. REGULATORY INFORMATION:

Not classified using the criteria in the Standard Uniform Schedule for Drugs and Poisons.

16. OTHER INFORMATION:

Date of Issue: 24th February, 2009

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Please Note:

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