



SAFETY DATA SHEET

BRAKE FLUID DOT 3

Version 3.0

Date of Issue: 28.2.2017

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Brake Fluid DOT 3
Product Code	519
Product Uses	Automotive Brake Fluid
Company Name	Lubrimaxx Pty Ltd (ABN 2500 685 0415)
Address	30 Spencer St, Sunshine West, VIC 3020
Telephone Number	(03) 9300 6900
Fax Number	(03) 9312 3239
Emergency Tel.	Australia- 1 300 72300 Malaysia- + 603 55112346
Internet Website:	www.lubrimaxx.com

Section 2. HAZARDS IDENTIFICATION

Classification of the hazardous chemical:

GHS Classification hazard class and category:

Serious Eye Damage/ irritation - Category 2B

GHS element, including precautionary statements

Symbol:



Signal word: Warning

Hazard Statement:

Causes eye irritation.

Precautionary Statement:

General

Read label before use

Keep out of reach of children

Prevention

P264 : Wash the effected area thoroughly after handling

Response:

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing



SAFETY DATA SHEET

BRAKE FLUID DOT 3

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P337+P313 : If eye irritation persists: Get medical advice/attention

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product contains mixture of paraffinics hydrocarbon distillates and performance additives

Ingredients:

Name	CAS Number	Proportion (%)
Diethylene Glycol	111-90-0	<40
Butyl Triglycol	143-22-6	<20
Diethanolamine	111-42-2	<5

Section 4. FIRST AID MEASURES

Description of necessary first aid measures

Inhalation: Remove the source of contamination, vapor, dust, spray or fumes or move the victim to fresh air. Obtain medical attention if symptoms occur

Ingestion: Take victim immediately to hospital. Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek urgent medical advice (e.g. doctor).

Skin contact: Wash affected area thoroughly with soap and water. Immediately remove contaminated. If symptoms develop seek medical attention.

Eye contact: Immediately wash with copious amounts of water for at least 15 minutes. Remove contact lense. Protect unharmed eye. Keep eye wide open while rinsing. If symptoms persist seek medical attention.

First Aid Facilities: Eye wash and normal wash room facilities.

Advice to Doctor: Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

Section 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing.

Hazards from Combustion Products: Depending on combustion conditions, a complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, will be evolved when this material undergoes combustion.

Special Protective Equipment: Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) in case of fire.



SAFETY DATA SHEET

BRAKE FLUID DOT 3

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Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel: Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Remove of ignition sources and provision of sufficient ventilation.

Emergency Procedures: Personnel involved in clean up required to wear appropriate personal protective equipment and clothing to minimize exposure.

Environmental precaution: Isolate the spillage and prevent the material to enter drains, sewers, waterways and soil. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Method and materials for containment and cleaning up:

Large spills should be contained and collected. Small spills can be collected or may be absorbed with appropriate liquid absorbing materials. All spill response and disposal should be carried out in accordance with national and local requirements. Keep in suitable, closed containers for disposal. Use appropriate safety equipment.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. Prevent small spills and leakage to avoid slip hazards. Properly dispose of any contaminated rags or cleaning materials in order to prevent fire hazards. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.

Conditions for Safe Storage: Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidizing agents, foodstuffs, and clothing and out of direct sunlight.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use only in well ventilated areas.

Eye Protection: Wear mono-goggles or face shield to avoid eye contact or splashing.

Hand Protection: Avoid contact with skin. Impervious gloves recommended. Wear



SAFETY DATA SHEET

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suitable protective clothing.

Respiratory protection: Do not breathe dust, fumes or vapor. Use approved respirator when exposed to concentration above the exposure limit.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Colour	Yellowish
Odour	Mild sweet
Odour Threshold	Not available
pH	7 - 11.5
Specific Gravity, g/cm ³	1.06 typical
Viscosity	1800 cSt @ -40 ⁰ C Typical
Viscosity	100 cSt @ 100 ⁰ C Typical
Boiling Point	Not available
Melting Point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Combustible liquid
Auto ignition temperature	Not available
Flammable limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Decomposition temperature	Not available
Water content	0.1 max

Section 10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use

Chemical Stability: Stable under normal conditions of storage and handling.

Possibility of hazardous reactions: None under normal processing

Conditions to avoid: Heat, direct sunlight, open flames or other sources of ignition.

Materials to avoid: Minerals oils, water

Hazardous decomposition products: Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available
Skin corrosion/irritation :	No data available
Serious eye damage/ eye irritation :	This product is classified in Category 2B
Respiratory/Skin sensitization :	No data available



SAFETY DATA SHEET

BRAKE FLUID DOT 3

Version 3.0

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Carcinogenicity:	No data available
Germ cell mutagenicity :	No data available
Reproductive toxicity :	No data available
Specific target organ toxicity single exposure :	No data available
Specific target organ toxicity repeated exposure :	No data available
Aspiration hazard :	No data available

Section 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Toxicity : no data available

Persistence and degradability : Expected to be inherently biodegradable.

Bioaccumulation potential : Does not bioaccumulate significantly.

Mobility in soil : product remaining on soil surface will partly evaporate but a significant proportion will be mobile and may contaminate groundwater.

Section 13. DISPOSAL CONSIDERATIONS

Disposal method: In accordance with government regulations for the disposal of special waste. Always consider the recycling the product.

Contact local council for correct disposal methods

Section 14. TRANSPORT INFORMATION

IATA: Not regulated

IMDG: Not regulated

U.N Number

Not Available

U.N Proper Shipping Name

Not available

Class

Not available

Subsidiary Risk

Not available

Packing Group

Not available

Marine Pollutant

No

Hazchem Code

Not available

Transport information: Not classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road, Rail and Sea.



SAFETY DATA SHEET

BRAKE FLUID DOT 3

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Section 15. REGULATORY INFORMATION

Poisons Schedule: Not Scheduled

ADG Code: Nil

Section 16. OTHER INFORMATION

Abbreviations and acronyms

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.

AICS: Australian Inventory of Chemical Substances.

CAS Number: Chemical Abstracts Service Registry Number.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.

HSIS: Hazardous Substances Information System

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

NTP: National Toxicology Program (USA).

SDS: Safety Data Sheet

SWA: Safe Work Australia

TWA: Time Weighted Average.

UN Number: United Nations Number.

Literature References:

Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia)

GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia)

Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.

Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.

“Australian Exposure Standards”

Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition. Standard for the Uniform Scheduling of Medicines and Poisons 2015.

HSIS – Hazardous Substance Information System – National Worksafe Data Base.

LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011

IMPLEMENTATION OF THE GLOBALLY HARMONISED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) APRIL 2012

Disclaimer: It is believed that the information given in this bulletin is accurate at the issue



SAFETY DATA SHEET

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date. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

Lubrimaxx pursues a policy of ongoing research and development aimed at product improvement and therefore may change the formulation, specification and characteristics of its products without notice.

It is the user's responsibility to verify the current formulation, specification or characteristics of a product, and to ascertain that it is suitable for an intended use or application.

****End of SDS****