



Material Safety Data Sheet
GIANT BRAKE FLUID DOT 4

Rev: 00
Date: 10/06/2019

1. Chemical and Company Identification

TRADE NAMES: GIANT BRAKE FLUID DOT 4
PRODUCT CODES: Not applicable
DESCRIPTION: Brake Fluid
SUPPLIER: Central Auto Parts and Equipment Limited
84 Armstrong Street, Palmerston North
New Zealand
EMERGENCY TEL: (64) 6-3535200
FAX NUMBER: (64) 6-3535201

2. Hazards Identification

HEALTH	ENVIRONMENTAL	PHYSICAL
Eye Damage/Irritation Category 2B	Not Classified	Not Classified

GHS LABEL:



SIGNAL WORD: DANGER

HAZARD STATEMENT

H320 Causes eye irritation

PREVENTION PRECAUTIONARY STATEMENT

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

RESPONSE PRECAUTIONARY STATEMENT

P337+P313 If eye irritation persists: Get medical advice/attention.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing

STORAGE

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DISPOSAL

P501 Dispose of content/container to appropriate waste site or reclaimer in accordance with local or national regulation

3. Compositions / Information on Ingredients

Chemical Identity	CAS #	Weight %
Butyl Triglycol	143-22-6	20 - 30
Triethylene Glycol	112-50-5	5 - 10
Diethanolamine	111-42-2	1 - 5

4. First Aid Measures

Eye Contact

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. If redness, swelling, pain and blister occur, transport to the nearest medical facility for additional treatment.

Skin Contact

If redness, swelling, pain and blister occur, transport to the nearest medical facility for additional treatment.

Inhalation

Remove the victim into fresh air. Seek for medical treatment in the event of symptoms.

Ingestion

Seek medical advice immediately. Rinse mouth with water and do not induce vomiting.

5. Fire Fighting Measures

Suitable Extinguishing Media

Use carbon dioxide or dry chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires.

Unsuitable Extinguishing Media

No restriction

Specific Hazards Arising from the Chemical

Non-combustible

Protection for Fire-fighters

Evacuate personnel to safe areas. Intervention only by capable personnel who are trained and aware of the hazards of the product. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Clean contaminated surface thoroughly.

6. Accidental Release Measures

Action during Spills (use appropriate safety equipment)

Use absorbent material to collect and contain for disposal. Contain large spills and pump into suitable tank. Wash the area with water and thoroughly rinse.

7. Handling and Storage

Handling : Avoid prolonged or repeated contact with skin and eyes.
Avoid breathing fumes or vapours from heated heated product

Handling Temperatures : Ambient

Storage : Keep contents tightly closed and dry

Storage Temperatures : Ambient

Recommended Materials: For containers, use mild steel, stainless steel

8. Exposure Controls / Personal Protection

Exposure Controls

Ventilation: Local Exhaust: None should be needed

Personal Protection

Use body-covering clothing. In addition, rubber gloves, boots and apron, depending upon the exposure likely, or as required by your company), and use Eye Protection Safety goggles recommended

9. Physical and Chemical Properties

Appearance	: Clear Yellowish
Density @ 20°C, g/cm³	: Approx. 1.06
Viscosity, mm²/s @ 40°C	: 1800 max
Viscosity, mm²/s @ 100°C	: 1.5 min
Equilibrium Reflux Boiling Point, °C	: 230 min
Wet Boiling Point, °C	: 155 min
Heat Stability, °C	: ±5
Chemical Stability, °C	: ±5
Water Content, %	: 0.15 max
pH Value	: 7.0 – 11.5

10. Stability and Reactivity

Stability : Stable

Conditions to Avoid : Exposure to water vapour

Material to Avoid : Mineral oils and water

11. Toxicological Information

No applicable data for this section

12. Ecological Information

No applicable data for this section

13. Disposal Considerations

Disposal Method: All local, state and federal regulation concerning health and pollution should be reviewed to determine approved disposal procedures.

Do not discharge into waterways or sewer system.

14. Transport Information

Sea (IMDG)

Not hazardous substance as defined by IMDG (International Maritime Dangerous Goods)

Air (ICAO/IATA)

Not hazardous substance as defined by IATA (International Air Transport Association)

15. Regulatory Information

No additional information

16. Other Information

This above data and information apply to the product as such and confirming to specifications provided. While the information is believed to be correct, Central Auto Parts and Equipment Limited shall in no event be responsible for any damages what so ever, directly or indirectly resulting from the publication or use of or reliance upon data contained herein. Users are advised of possible additional hazard when the product is used in applications for which it was not intended. This sheet is only used and reproduced for prevention and security purposes.