

SAFETY DATA SHEET

PART No. BF01

1 – IDENTIFICATION OF THE PRODUCT

PRODUCT NAME: Dot 4 Brake Fluid 1Ltr

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2 – COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-(2-METHOXYETHOXY) ETHANOL	203-906-6	111-77-3	1-5%	Repr3;R63
2-[2-(2-BUTOXYETHOXY) ETHOXY] ETHANOL	205-592-6	143-22-6	10-30%	Xi;R41

The Full Text for all R-Phrases are Displayed in Section 16

3 – HAZARDS IDENTIFICATION

Irritating to eyes
CLASSIFICATION Xi;R36
HUMAN HEALTH
See section 11 for additional information on health hazards.

4 – FIRST AID MEASURES:

GENERAL INFORMATION: Remove affected person from source of contamination. Get medical attention if any discomfort continues.

NOTES TO THE PHYSICIAN: No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INHALATION: Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

INGESTION: Consult a physician for specific advice.

SKIN CONTACT: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

EYE CONTACT: Immediately flush with plenty of water for up to

5 – FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES: No specific fire fighting procedure given.

PROTECTIVE MEASURES IN FIRE: Leave danger zone immediately.

6 – ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS:	For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.
ENVIRONMENTAL PRECAUTIONS:	The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.
SPILL CLEAN UP METHODS:	For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

7 – HANDLING AND STORAGE

USAGE PRECAUTIONS:	Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.
STORAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container in a dry, cool and well-ventilated place..

8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:	Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.
ENGINEERING MEASURES:	Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.
RESPIRATORY EQUIPMENT:	If ventilation is insufficient, suitable respiratory protection must be provided.
HAND PROTECTION:	Use suitable protective gloves if risk of skin contact.
EYE PROTECTION:	Goggles/face shield are recommended.
OTHER PROTECTION:	Wear appropriate clothing to prevent reasonably probable skin contact.
HYGIENE MEASURES:	Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear Liquid
COLOUR:	Colourless
RELATIVE DENSITY	1.03 - 1.08 40
VISCOSITY :	1500 cSt 40

10 – STABILITY AND REACTIVITY

STABILITY:	No particular stability concerns.
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11 – TOXICOLOGICAL INFORMATION

HEALTH WARNINGS:	This chemical can be hazardous when inhaled and/or touched.
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12 – ECOLOGICAL INFORMATION

ECOTOXICITY: Dangerous for the environment if discharged into watercourses.

13 – DISPOSAL CONSIDERATIONS

GENERAL INFORMATION: When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements. Absorb spillage with non-combustible, absorbent material.

14 – TRANSPORT INFORMATION

GENERAL: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). No transport warning sign required.

ADR CLASS: Not classified for transportation.

MARINE POLLUTANT: No.

15 – REGULATORY INFORMATION

LABELLING:



Irritant

RISK PHRASES:	R36	Irritating to eyes
SAFETY PHRASES:	S2	Keep out of the reach of children
	S25	Avoid contact with eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S46	If swallowed, seek medical advice immediately and show this container or label.
	S56	Dispose of this material and its container to hazardous or special waste collection point.
	S64	If swallowed, rinse mouth with water (only if the person is conscious).

16 – OTHER INFORMATION

REVISION COMMENTS:

NOTE: Lines within the margin indicate significant changes from the previous revision.

ISSUED BY: HS&E Manager.

REVISION DATE: 30/05/2007

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RISK PHRASES IN FULL:	R41	Risk of serious damage to eyes.
	R63	Possible risk of harm to the unborn child.