

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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DISC BRAKE CLEANER

Revision 5
Revision date 01-10-15

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Disc Brake Cleaner
Product code	

1.3. Details of the supplier of the safety data sheet

Company	Fenwick's Limited
Address	Unit C1 Wem Industrial Estate Soulton Road Wem Shropshire SY4 5SD England
Web	www.fenwicks.info
Telephone	+44 (0)1939 234622
Fax	+44 (0)1939 393325
Email	info@fenwicks.info

1.4. Emergency Telephone Number

Emergency Tel Number	07766 706294
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification – EC 1272/2008	Aquatic Chronic 2: H411 Eye Irrit 2: H319 Flam Liq 3: H226 Skin Irrit 2: H315 STOT SE H335 STOT SE H336
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning Danger Warning
Hazard Statement	Aquatic Chronic 2: H411 - Toxic to aquatic life with long-lasting effects Eye Irrit 2: H319 - Causes serious eye irritation Flam Liq 3: H226 - Flammable liquid and vapour STOT SE H335: May cause respiratory irritation STOT SE H336: May cause drowsiness or dizziness Skin Irrit 2: H315 - Causes skin irritation

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Precautionary Statement Prevention	EUH066 - Repeated exposure may cause skin dryness and cracking P102 – Keep out of reach of children P210 - Keep away from heat/sparks/open flames/hot surfaces – No Smoking P264 – Wash thoroughly after handling P273 – Avoid release to the environment P280 – Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statement Response	P301 +P310 If swallowed: Immediately call a POISON CENTRE or Doctor/Physician P302+P352 IF ON SKIN: wash with plenty of soap and water. P331 DO NOT induce vomiting P405 Store Locked up
Precautionary Statement Disposal	P303+P361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P501 – Dispose of contents/container in accordance with local/regional/national/international regulation

2.3. Other Hazards

	In use, may form flammable/explosive vapour- air mixture. PBT: This substance is not identified as a PBT/vPvB substance
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Propane		74-98-6	200-827-9		20 - 30%	R12
Butane		106-97-8	203-448-7		20 - 30%	R12
Naphtha (petroleum) hydrotreated light		64742-49-0	265-151-9		50 - 70%	F; R11 Xi; R38 N; R51/53, R65, R67
Aliphatic cycloparaffinic hydrocarbon		64742-48-9	265-150-3		5 - 15%	F; R10 R65 R66

EC 1272/2008

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Propane		74-98-6	200-827-9		20 - 30%	Flam.Liq.3 H226
Butane		106-97-8	203-448-7		20 - 30%	Flam.Liq.3 H226
Naphtha (petroleum) hydrotreated light		64742-49-0	265-151-9		50 - 70%	STOT SE H335 STOT SE H336 Flam.Liq.3 H226 Aquatic Chron 2 H411
Aliphatic cycloparaffinic hydrocarbon		64742-48-9	265-150-3		5 - 15%	STOT SE H335 STOT SE H336 Flam.Liq.3 H226 Aquatic Chron 2 H411

Contains no known PNT's or vPcB's

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SECTION 4: First aid measures

4.1. Description of first aid measures

General Advice	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
Eye Contact	Contact lenses should be removed. Promptly wash eyes with lots of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.
Skin Contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. DO NOT use solvents or thinners as skin cleaning agents.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Recommended use: Alcohol resistant foam, carbon dioxide (CO ₂), dry powder, water spray. Do not use water jet. Cool containers with spray water.
	Do NOT use high pressure inert gas or water jets.

5.2. Special hazards arising from the substance or mixture

	Fire may produce dense black smoke containing hazardous combustion products (see heading 10). Decomposition products may be a hazard to health. Do not allow run-off from fire fighting to enter drains or water courses.
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5.3. Advice for firefighters

	In the event of fire, wear self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Remove all sources of ignition. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.
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6.2. Environmental precautions

	DO NOT allow to enter drains or watercourses. If the product enters drains or sewers, the local water company should be informed immediately. In the case of contamination of streams, rivers or lakes, inform the relevant environment Agency. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixture with air.
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6.3. Methods and material for containment and cleaning up

	Contain and collect spillage with non-combustible absorbent materials, (e.g. sand, earth, vermiculite, diatomaceous earth) and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Clean the spill area preferably with a detergent. Avoid the use of solvents.
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SECTION 7: Handling and Storage

7.1. Precautions for safe handling

	The accumulation of vapours in an enclosed space may result in spontaneous combustion, use only in well ventilated areas. Use responsibly and in the correct manner. Wear the appropriate personal protective equipment, as outlined in section 8.
	Keep, the aerosol in a cool, dry place. Exclude sources of heat, sparks and open flame. Do not use sparking tools around aerosols. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. For personal protection, see section 8. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Never apply pressure to the aerosol, the aerosol is a pressurised object and may explode if pressure is applied.

7.2. Conditions for safe storage, including any incompatibilities

	Observe label precautions. Store between 5 and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
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SECTION 8: Exposure controls/personal protection

Protective Equipment



Hand Protection	PVC gloves
Eye Protection	Wear approved safety goggles
Body Protection	Normal work wear
Respiratory Protection	Not normally required

8.1. Control Parameters

8.1.1 Exposure Limit Values

Naphtha (petroleum) hydrotreated light	200ppm, 1000mgm-3 8 hour TWA (SUP)	
Propane	1000ppm, 1800mg/m3; 8 hour TWA (ref 1)	
Butane	600ppm, 1450mg/m3; 8 hour TWA (ref 2)	750ppm, 1810mg/m3; 15 mins STEL (ref 2)

SUP = Suppliers recommendation

Ref 1 = NIOSH recommended exposure limits

Ref 2 = HSE EH40 workplace exposure limits

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Provide adequate ventilation. All PPE used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.
8.2.2. Individual protection measures	Wear protective clothing. If exposure to hazardous substances identified cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.
Eye / face protection	Eye protection designed to protect against liquid splashes should be worn.
Skin protection -	When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information

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Hand protection	provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Colour	Clear
Odour	Aromatic
Flashpoint	Unknown for blend
Description	Aerosol

SECTION 10: Stability and Reactivity

10.2. Chemical Stability

	Stable under the recommended storage and handling conditions (see section 7).
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10.3. Conditions To Avoid

	Applying heat or pressure to the aerosol may result in explosion and fire. Naked flames, smoking, wet and damp storage conditions and mishandling may also result in explosion and fire.
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10.4. Materials To Avoid

	Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.
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10.2. Hazardous Decomposition Products

	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

	No known adverse health effects. Splashes in the eye may cause irritation and reversible local damage
Local Effects	Repeated or prolonged contact with the product may lead to removal of natural fats from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems. Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.
	Contains no known category 1 or 2 carcinogens, mutagens or reproductive toxicants

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SECTION 12: Ecological information

12.1. Toxicity

	No data is available on the product itself. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.
	Contains no known substances that require a chemical safety report

SECTION 13: Disposal considerations

General Information

	Dispose of in compliance with all local and national regulations. Do not allow to enter drains or water courses or dispose of where ground or surface waters may be affected.
Contaminated Packaging	Dispose of in compliance with all local and national regulations. Wastes, including emptied aerosols, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using the information provided in this safety data sheet, advice should be obtained from the relevant environment agency whether the special waste regulations apply.

SECTION 14: Transport information

Labelling

UN Number	UN1950
Shipping Name	Aerosols
Hazard Class	2.1 (For Sea Transport). Classification code 5f
EmS	F-D, S-U
Class	2
Labelling	2.1

SECTION 15: Regulatory information

BAMA Phrases	Pressurised container: May burst if heated. Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. In use, may form flammable/explosive vapour-air mixture. Use only as directed.
Further Information	No chemical safety assessments have been carried out for any of the substances used in this preparation. The Chemicals (Hazard Information & Packaging for Supply) Regulations (1994) The Chemicals (Hazard Information and Packaging for Supply)(Amendment) Regulations 1998. The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and

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Labelling) Regulations (1994)
Control of Substances Hazardous to Health Regulations (1988)

SECTION 16: Other information**Other Information**

	Waste Management. The Duty of Care. Guidance Notes: Occupational skin diseases: health and safety precautions (EH 26) Occupational exposure limits (EH 40) The carcinogenicity of mineral oils (EH 58) Skin cancer caused by oil (MS(B)5) Save your skin! - Occupational Contact Dermatitis (MS(B)6) Dermatitis - cautionary notice (SHW 367) Effects of mineral oil on the skin (SHW 397) The above publications are available from HMSO and HSE Sources.
Text of risk phrases in Section 3	R12 Extremely flammable R36/38 Irritating to eyes and skin R41 Serious risk of damage to eyes R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic Environment R66 Repeated exposure may cause skin dryness and cracking R67 Vapours may cause drowsiness and dizziness
Text of Hazard Statements in Section 3	Aquatic Chronic 2 H411 - Toxic to aquatic life with long-lasting effects Eye damage 1 H318 - Causes serious eye damage Flam.Liq.3 H226 - Flammable liquid and vapour Skin Irrit. 2 H315 - Causes skin irritation Skin Sens H317 - May cause an allergic skin reaction STOT SE H335: May cause respiratory irritation STOT SE H336: May cause drowsiness or dizziness
Further Information	No chemical safety assessments have been carried out for any of the substances used in this preparation. The Chemicals (Hazard Information & Packaging for Supply) Regulations (1994) The Chemicals (Hazard Information and Packaging for Supply)(Amendment) Regulations 1998. The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations (1994) Control of Substances Hazardous to Health Regulations (1988)

Uses Advised Against

The product should not be used for any other purposes other than its intended use.
Handling, storage and conditions to avoid instructions must be followed at all times.

Other Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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Legal Disclaimer

The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
