



SAFETY DATA SHEET
RACING BRAKE FLUID 300+

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Compilation date: 22/11/2016

Revision No: 1a

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

1.1. Product identifier

Product name: RACING BRAKE FLUID 300+

Product code: 7976

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: Millers Oils Ltd
Hillside Oilworks
Rastrick Common
Brighouse
West Yorkshire
HD6 3DP
United Kingdom

Tel: +44 (0)1484 713201

Fax: +44 (0)1484 721263

Email: h.s@millersoils.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)1484 713201

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous ingredients:

2-[2-(2-BUTOXYETHOXY)ETHOXY]ETHANOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
205-592-6	143-22-6	-	Eye Dam. 1: H318	1-10%

2,2'-OXYBISETHANOL - REACH registered number(s): 01-2119457857-21-XXXX

203-872-2	111-46-6	-	Acute Tox. 4: H302	1-10%
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DIETHYLENE GLYCOL MONOMETHYL ETHER

203-906-6	111-77-3	-	Repr. 2: H361d	1-10%
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2-(2-BUTOXYETHOXY)ETHANOL

203-961-6	112-34-5	-	Eye Irrit. 2: H319	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

2,2'-OXYBISETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	101 mg/m ³	-	-	-

DIETHYLENE GLYCOL MONOMETHYL ETHER

EU	50,1 mg/m ³	-	-	-
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2-(2-BUTOXYETHOXY)ETHANOL

UK	67.5 mg/m ³	101.2 mg/m ³	-	-
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DNEL/PNEC Values

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Hazardous ingredients:

2,2'-OXYBISETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Dermal	43 mg/kg bw/day	Workers	-
DNEL	Dermal	21 mg/kg bw/day	Consumers	-

8.2. Exposure controls

- Respiratory protection:** Respiratory protection not required.
- Hand protection:** Protective gloves.
- Eye protection:** Safety glasses. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- State:** Liquid
- Colour:** Colourless
- Odour:** Odourless
- Evaporation rate:** No data available.
- Oxidising:** Non-oxidising (by EC criteria)
- Solubility in water:** miscible in any ratio
- Viscosity:** No data available.
- Boiling point/range°C:** > 260
- Melting point/range°C:** < -50
- Flammability limits %: lower:** No data available.
- upper:** No data available.
- Flash point°C:** >120
- Part.coeff. n-octanol/water:** No data available.
- Autoflammability°C:** > 300
- Vapour pressure:** No data available.
- Relative density:** 1.030 - 1.090
- pH:** 7 - 11.5
- VOC g/l:** No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

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10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RAT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	> 5000	mg/kg

Hazardous ingredients:

2,2'-OXYBISETHANOL

DERMAL	RBT	LD50	13300	mg/kg
ORAL	RAT	LD50	19600	mg/kg

DIETHYLENE GLYCOL MONOMETHYL ETHER

IPR	RAT	LD50	2722	mg/kg
ORL	MUS	LD50	8222	mg/kg
ORL	RAT	LD50	4	ml/kg

2-(2-BUTOXYETHOXY)ETHANOL

ORL	MUS	LD50	6050	mg/kg
ORL	RAT	LD50	4500	mg/kg

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

[cont...]

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Ecotoxicity values:

Species	Test	Value	Units
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	> 100	mg/l

Hazardous ingredients:

2,2'-OXYBISETHANOL

Daphnia magna	48H EC50	> 10000	mg/l
pimephales promelas	96H LC50	75200	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Conforms to regulation (EC) No 1907/2006 (REACH)

[cont...]

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Phrases used in s.2 and s.3: H302: Harmful if swallowed.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H361d: Suspected of damaging the unborn child.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.