



## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31 as amended

Printing date 01.11.2024

Version number 2 (replaces version 1)

Revision: 01.11.2024

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

#### · 1.1 Product identifier

- Trade name: **Brake Fluid**
- Registration number Mixture
- UFI: DV00-X09G-V00N-EKQY
- 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### · Product category

PC6 Automotive care products

PC17 Hydraulic fluids

- Application of the substance / the mixture Brake fluid

#### · Uses advised against

Processes involving extreme heat use advised against.

Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).

Any use involving aerosol formation or vapour release in excess of the assigned Workplace Exposure Limit where workers are exposed without suitable Respiratory Protective Equipment.

#### · 1.3 Details of the supplier of the safety data sheet

##### · Supplier:

Gem Oils Ltd

Regaskin

Cavan

Ireland

Tel: +353 (0) 49 4331077

Fax: +353 (0) 49 4368329

e-mail: productsafety@gemoils.ie

- Further information obtainable from: Product safety department.

#### · 1.4 Emergency telephone number:

National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

IN NORTHERN IRELAND:

Members of the public should contact NHS Direct on 111.

### \* SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

Repr. 2 H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

#### · 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- Hazard pictograms



GHS07 GHS08

- Signal word Warning

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**· Hazard-determining components of labelling:**

Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate

**· Hazard statements**

H319 Causes serious eye irritation.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

**· Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

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

P308+P313 IF exposed or concerned: Get medical advice/attention.

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

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.

### \* SECTION 3: Composition/information on ingredients

**· 3.2 Mixtures****· Description:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

CAS: 143-22-6 EINECS: 205-592-6 Reg.nr.: 01-2119475107-38-XXXX	Butyl tri glycol ⚠ Eye Dam. 1, H318 Specific concentration limits: Eye Dam. 1; H318: $C \geq 30\%$ Eye Irrit. 2; H319: $20\% \leq C < 30\%$	25 – < 30%
CAS: 30989-05-0 EINECS: 250-418-4 Reg.nr.: 01-2119462824-33-XXXX	Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate ⚠ Repr. 2, H361fd	10 – 25%
CAS: 111-46-6 EINECS: 203-872-2 Reg.nr.: 01-2119457857-21-XXXX	Diethylene glycol ⚠ Acute Tox. 4, H302 ATE: LD50 oral: 500 mg/kg	2.5 – 10%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-Butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	1 – 2.5%
CAS: 111-77-3 EINECS: 203-906-6 Reg.nr.: 01-2119475100-52-XXXX	Methyl di glycol ⚠ Repr. 1B, H360D Specific concentration limit: Repr. 1B; H360D: $C \geq 3\%$	0.1 – 1%

**· Additional information:** For the wording of the listed hazard phrases refer to section 16.

### \* SECTION 4: First aid measures

**· 4.1 Description of first aid measures****· General information:** Immediately remove any clothing soiled by the product.**· After inhalation:** Supply fresh air; consult doctor in case of complaints.

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- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Check for and remove any contact lenses.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Do not induce vomiting; call for medical help immediately.  
If vomiting occurs spontaneously, keep head below hips to prevent aspiration.  
Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **Information for doctor:** Treat symptomatically and supportively.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### \* SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
Combustible  
In case of fire, the following can be released:  
Carbon monoxide (CO)  
Boron compounds
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.  
Do not inhale explosion gases or combustion gases.
- **Additional information**  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### \* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation
- **6.2 Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow to enter sewers/ surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**  
Contain and collect spillage with non-combustible, absorbent material e.g.sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Contaminated absorbent material may pose the same hazard as the spilt product.

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**6.4 Reference to other sections**

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

**\* SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Prevent formation of aerosols.
- Ensure good ventilation/exhaustion at the workplace.
- Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:**

- Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- Information about storage in one common storage facility:** Store away from oxidising agents.
- Further information about storage conditions:**
  - Store in cool, dry conditions in well sealed receptacles.
  - Store in a bunded area.
- Storage class:** 10
- 7.3 Specific end use(s)** No further relevant information available.

**\* SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****CAS: 111-46-6 Diethylene glycol**OEL Long-term value: 100 mg/m<sup>3</sup>, 23 ppm**CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol**

OEL Short-term value: 101.2 mg/m<sup>3</sup>, 12 ppm  
Long-term value: 67.5 mg/m<sup>3</sup>, 10 ppm  
IOELV

**CAS: 111-77-3 Methyl di glycol**

OEL Long-term value: 50.1 mg/m<sup>3</sup>, 10 ppm  
Skin, IOELV

**DNELs****CAS: 143-22-6 Butyl tri glycol**

Oral	Long-term systemic effects	12.5 mg/kg bw/day (general population)
	Short-term systemic effects	103.4 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	502.5 mg/kg bw/day (general population)
		1,005 mg/kg bw/day (worker)
	Short-term systemic effects	200 mg/kg bw/day (general population)
		400 mg/kg bw/day (worker)
	Long-term local effects	2.823 mg/kg bw/day (general population)
		5.65 mg/kg bw/day (worker)
	Short-term local effects	4.173 mg/kg bw/day (general population)

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Inhalative	Long-term systemic effects	8.35 mg/kg bw/day (worker) 12 mg/m <sup>3</sup> (general population) 24 mg/m <sup>3</sup> (worker)
	Short-term systemic effects	48 mg/m <sup>3</sup> (general population) 96 mg/m <sup>3</sup> (worker)
	Long-term local effects	15.252 mg/m <sup>3</sup> (general population) 30.5 mg/m <sup>3</sup> (worker)
	Short-term local effects	48 mg/m <sup>3</sup> (general population) 96 mg/m <sup>3</sup> (worker)
<b>CAS: 30989-05-0 Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate</b>		
Oral	Long-term systemic effects	1.5 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	1.5 mg/kg bw/day (general population) 4.2 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	2.6 mg/m <sup>3</sup> (general population) 14.8 mg/m <sup>3</sup> (worker)
<b>CAS: 111-46-6 Diethylene glycol</b>		
Dermal	Long-term systemic effects	21 mg/kg bw/day (general population) 43 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	12 mg/m <sup>3</sup> (general population) 44 mg/m <sup>3</sup> (worker)
	Long-term local effects	12 mg/m <sup>3</sup> (general population) 60 mg/m <sup>3</sup> (worker)
<b>CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol</b>		
Oral	Long-term systemic effects	6.25 mg/kg bw/day (general population)
Inhalative	Long-term local effects	67.5 mg/m <sup>3</sup> (worker)
	Short-term local effects	101.2 mg/m <sup>3</sup> (worker)
<b>CAS: 111-77-3 Methyl di glycol</b>		
Oral	Long-term systemic effects	7.5 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	1.33 mg/kg bw/day (general population) 2.22 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	30.1 mg/m <sup>3</sup> (general population) 50.1 mg/m <sup>3</sup> (worker)
<b>· PNECs</b>		
<b>CAS: 143-22-6 Butyl tri glycol</b>		
Freshwater		2 – 100 mg/L
Freshwater - Intermittent releases		8.4 – 22 mg/L
Marine water		200 – 142,570 µg/L
Sewage Treatment Plant		199.5 – 200 mg/L
Sediment (freshwater)		7.7 – 11.115 mg/kg
Sediment (marine water)		770 – 1,111.5 µg/kg
Soil		470 – 11,510 µg/kg

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Secondary poisoning	111 – 525.5 mg/kg food
<b>CAS: 30989-05-0 Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate</b>	
Freshwater	211.2 µg/L
Marine water	21.12 µg/L
Marine Water - Intermittent releases	2.112 mg/L
Sewage Treatment Plant	100 mg/L
Sediment (freshwater)	760 µg/kg
Sediment (marine water)	76 µg/kg
Soil	28.3 µg/kg
<b>CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol</b>	
Freshwater	1.1 mg/L
Freshwater - Intermittent releases	11 mg/L
Marine water	110 µg/L
Sediment (freshwater)	4.4 mg/kg
Sediment (marine water)	440 µg/kg
Soil	320 µg/kg
Secondary poisoning	56 mg/kg food
<b>CAS: 111-77-3 Methyl di glycol</b>	
Freshwater	12 mg/L
Freshwater - Intermittent releases	12 mg/L
Marine water	1.2 mg/L
Sewage Treatment Plant	10,000 mg/L
Sediment (freshwater)	44.4 mg/kg
Sediment (marine water)	440 µg/kg
Soil	2.1 mg/kg
Secondary poisoning	90 mg/kg food

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

Select PPE appropriate for the operations taking place taking into account the product properties.

· **General protective and hygienic measures:**

Do not carry product impregnated cleaning cloths in trouser pockets.

Do not eat, drink, smoke or sniff while working.

Take note of assigned Workplace Exposure Limits.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

A safe system of work must be formulated and followed to ensure safe working with this product. Relevant workers must receive suitable and sufficient training and supervision.

· **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A for organic vapours

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#### · Hand protection



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### · Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### · Eye/face protection



Tightly sealed goggles conforming to EN166.

#### · Body protection:



Protective work clothing

Body protection must be chosen depending on product properties, activity and possible exposure.

#### · Environmental exposure controls

Do not allow to enter drains, sewers or watercourses.

#### · Risk management measures

The operators shall be instructed adequately.

## \* SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · General Information

##### · Physical state

Fluid

##### · Colour:

Colourless

##### · Odour:

Mild

##### · Odour threshold:

Not determined.

##### · Melting point/freezing point:

Undetermined.

##### · Boiling point or initial boiling point and boiling range

&gt; 205 °C

##### · Lower and upper explosion limit

##### · Lower:

0.7 Vol %

##### · Upper:

22 Vol %

##### · Flash point:

&gt; 80 °C

##### · Auto-ignition temperature:

&gt; 250 °C

##### · pH at 20 °C

7.5 – 8.5

##### · Viscosity:

##### · Kinematic viscosity at 20 °C

5 – 20 mm<sup>2</sup>/s

##### · Dynamic:

Not determined.

##### · Solubility

##### · water:

Fully miscible.

##### · Vapour pressure at 20 °C:

0 hPa

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· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	1.01 g/cm <sup>3</sup>
· <b>9.2 Other information</b>	NOTE: The physical data presented above are typical values and should not be construed as a specification.
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	Product is not self-igniting.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Solvent content:</b>	
· <b>VOC (EC)</b>	10.50 %
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

### \* SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
At elevated temperatures, explosive vapour/air mixtures may be formed.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Heat and static discharge.
- **10.5 Incompatible materials:**  
Strong acids.  
Strong bases.  
Strong oxidising agents.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide

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Boron compounds

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### \* SECTION 11: Toxicological information

#### · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

· **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Oral	LD50	6,250 mg/kg
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##### CAS: 30989-05-0 Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate

Oral	LD50	> 2,000 mg/kg (rat)
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Dermal	LD50	> 2,000 mg/kg (rat)
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##### CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol

Oral	LD50	> 2,000 mg/kg (rat)
------	------	---------------------

Dermal	LD50	> 2,000 mg/kg (rabbit)
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##### CAS: 111-77-3 Methyl di glycol

Oral	LD50	5,500 mg/kg (rat)
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Dermal	LD50	6,540 mg/kg (rabbit)
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#### · **Primary irritant effect:**

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

#### · **Serious eye damage/irritation**

Causes serious eye irritation.

· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

#### · **Reproductive toxicity**

Suspected of damaging fertility. Suspected of damaging the unborn child.

· **STOT-single exposure** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

· **Subacute to chronic toxicity:** Prolonged or repeated skin contact may irritate and cause dermatitis.

#### · 11.2 Information on other hazards

#### · **Endocrine disrupting properties**

None of the ingredients are listed.

### \* SECTION 12: Ecological information

#### · 12.1 Toxicity

#### · **Aquatic toxicity:**

##### CAS: 30989-05-0 Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate

EC50 (72 h)	224.4 mg/l (Algae)
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##### CAS: 112-34-5 2-(2-Butoxyethoxy)ethanol

EC50 (96 h)	> 100 mg/l (Bacteria)
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· **12.2 Persistence and degradability** Inherently biodegradable

· **12.3 Bioaccumulative potential** Contains components with the potential to bioaccumulate.

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- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### \* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Recommended Hierarchy of Controls:
  - Minimise waste;
  - Reuse if not contaminated;
  - Recycle, if possible; or
  - Safe disposal (if all else fails).Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Contact waste processors for recycling information.  
Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

#### · European waste catalogue

16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01 00	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 13*	brake fluids

- **Uncleaned packaging:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.  
Disposal must be made according to official regulations.  
Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- |  |                |
|--|----------------|
| · <b>14.1 UN number or ID number</b>     |                |
| · <b>ADR/RID/ADN, ADN, IMDG, IATA</b>    | Not applicable |
| · <b>14.2 UN proper shipping name</b>    |                |
| · <b>ADR/RID/ADN, ADN, IMDG, IATA</b>    | Not applicable |
| · <b>14.3 Transport hazard class(es)</b> |                |
| · <b>ADR/RID/ADN, ADN, IMDG, IATA</b>    |                |
| · <b>Class</b>                           | Not applicable |

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· <b>14.4 Packing group</b>	
· <b>ADR/RID/ADN, IMDG, IATA</b>	Not applicable
· <b>14.5 Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	Not applicable

\* **SECTION 15: Regulatory information**

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

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients are listed.

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 54

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients are listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients are listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients are listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients are listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients are listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

\* **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· **Relevant phrases**

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H360D May damage the unborn child.

(Contd. on page 12)

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## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31 as amended

Printing date 01.11.2024

Version number 2 (replaces version 1)

Revision: 01.11.2024

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**Trade name: Brake Fluid**

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H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

· **Training hints**

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

· **Department issuing SDS:** Product safety department.

· **Date of previous version:** 16.10.2024

· **Version number of previous version:** 1

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Repr. 1B: Reproductive toxicity – Category 1B

Repr. 2: Reproductive toxicity – Category 2

· **\* Data compared to the previous version altered.**

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