



Eurol Brake Fluid DOT 3

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 9-5-2014 Revision date: 17-8-2017 Supersedes: 5-12-2016 Version: 2.3

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

1.1. Product identifier

Product form : Mixture
Product name : Eurol Brake Fluid DOT 3
Product code : E801300
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : industrial use, professional use, consumer use
Use of the substance/mixture : Brake fluid.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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Energiestraat 12
P.O. Box P.O. Box 135
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T +31 548 615165
reach@eurol.com - www.eurol.com

1.4. Emergency telephone number

Emergency number : +31 79 3467 808
EVOFENEDEX

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4 H302

Serious eye damage/eye irritation, Category 1 H318

Specific target organ toxicity — Repeated exposure, Category 2 H373

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

GHS07

GHS08

CLP Signal word : Danger

Hazardous ingredients : 2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol; 2,2' -oxybisethanol; diethylene glycol; Butyl Triglycol

Hazard statements (CLP) : H302 - Harmful if swallowed.
H318 - Causes serious eye damage.
H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

Precautionary statements (CLP) : P260 - Do not breathe vapours, spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear eye protection, protective gloves.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER, a doctor.
P501 - Dispose of contents/container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Child-resistant fastening : Not applicable

Tactile warning : Applicable

2.3. Other hazards

Other hazards not contributing to the classification : Attacks some forms of plastics, rubber, and coatings.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol	(CAS-No.) 143-22-6 (EC-No.) 205-592-6 (EC Index-No.) 603-183-00-0 (REACH-no) 01-21195457107-38	35 - 50	Eye Dam. 1, H318
2,2' -oxybisethanol; diethylene glycol	(CAS-No.) 111-46-6 (EC-No.) 203-872-2 (EC Index-No.) 603-140-00-6 (REACH-no) 01-2119457857-21	35 - 50	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Butyl Triglycol	(CAS-No.) 161907-77-3 (EC-No.) 310-287-7 (REACH-no) 01-2119475115-41	5 - 10	Eye Dam. 1, H318
2,6-Di-tert-butyl-p-cresol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) 01-2119555270-46	< 0,1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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methanol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE, MT)	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index-No.) 603-001-00-X (REACH-no) 01-2119433307-44	< 0,1	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
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Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Seek medical attention if ill effect develops.
First-aid measures after inhalation	: Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist.
First-aid measures after ingestion	: Consult a doctor/medical service if you feel unwell. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration. Do not induce vomiting.

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

Symptoms/effects after inhalation	: At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.
Symptoms/effects after skin contact	: Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. High pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed.
Symptoms/effects after eye contact	: Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
Symptoms/effects after ingestion	: Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.
Symptoms/effects upon intravenous administration	: Unknown.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO ₂), dry chemical powder, foam. Water fog.
Unsuitable extinguishing media	: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustion generates: CO, CO ₂ .
Explosion hazard	: Not expected to be a fire/explosion hazard under normal conditions of use.

5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Use self-contained breathing apparatus and chemically protective clothing.
Other information	: Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Spill area may be slippery. Prevent soil and water pollution. Prevent entry to sewers and public waters.
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6.1.1. For non-emergency personnel

Protective equipment	: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Use protective clothing.
Emergency procedures	: Consider evacuation.

6.1.2. For emergency responders

Protective equipment	: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.
Emergency procedures	: No specific measures are necessary.

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6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent soil and water pollution. Prevent liquid from entering sewers, watercourses, underground or low areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

6.3. Methods and material for containment and cleaning up

For containment : Large quantities: Contain large spillage with sand or earth.

Methods for cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.

Other information : Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

Precautions for safe handling : Avoid prolonged and repeated contact with skin. May be dangerously slippery if spilled. Where contact with eyes or skin is likely, wear suitable protection. Do not eat, drink or smoke during use. Remove contaminated clothing and shoes.

Hygiene measures : Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep container tightly closed and in well ventilated place.

Storage conditions : Store in original container.

Incompatible products : Reacts vigorously with strong oxidizers and acids.

Maximum storage period : 2 year

Storage temperature : ≤ 40 °C

Information on mixed storage : Keep away from : oxidizing materials. strong acids.

Storage area : Store at ambient temperature.

Special rules on packaging : Keep container tightly closed and dry.

7.3. Specific end use(s)

Brake fluid.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2,2'-oxybisethanol; diethylene glycol (111-46-6)

Ireland - Occupational Exposure Limits

Local name	Diethylene glycol
OEL (8 hours ref) (mg/m ³)	100 mg/m ³
OEL (8 hours ref) (ppm)	23 ppm

United Kingdom - Occupational Exposure Limits

Local name	2,2'-Oxydiethanol
WEL TWA (mg/m ³)	101 mg/m ³
WEL TWA (ppm)	23 ppm

2,6-Di-tert-butyl-p-cresol (128-37-0)

EU - Occupational Exposure Limits

IOELV TWA (mg/m ³)	5 mg/m ³
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Ireland - Occupational Exposure Limits

Local name	2,6-Ditertiary-butyl-para- cresol
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OEL (8 hours ref) (mg/m ³)	10 mg/m ³
United Kingdom - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (mg/m ³)	10 mg/m ³
methanol (67-56-1)	
EU - Occupational Exposure Limits	
IOELV TWA (mg/m ³)	260 mg/m ³
IOELV TWA (ppm)	200 ppm
Ireland - Occupational Exposure Limits	
Local name	Methanol
OEL (8 hours ref) (mg/m ³)	260 mg/m ³
OEL (8 hours ref) (ppm)	200 ppm
Notes (IE)	Sk, IOELV
Malta - Occupational Exposure Limits	
Local name	Methanol
OEL TWA (mg/m ³)	260 mg/m ³
OEL TWA (ppm)	200 ppm
United Kingdom - Occupational Exposure Limits	
Local name	Methanol
WEL TWA (mg/m ³)	266 mg/m ³
WEL TWA (ppm)	200 ppm
WEL STEL (mg/m ³)	333 mg/m ³
WEL STEL (ppm)	250 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)

8.2. Exposure controls

Appropriate engineering controls:

Large quantities: Contain large spillage with sand or earth.

Personal protective equipment:

Gloves. In case of splash hazard: safety glasses. Eye protection should only be necessary where liquid could be splashed or sprayed.

Materials for protective clothing:

PVC gloves. Nitrile rubber. Butyl-rubber protective gloves

Hand protection:

In case of repeated or prolonged contact wear gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

Respiratory protection:

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

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Personal protective equipment symbol(s):



Environmental exposure controls:

See Heading 12. See Heading 6.

Consumer exposure controls:

PVC gloves. Nitrile-rubber protective gloves. Butylrubber protective gloves.

Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: liquid
Appearance	: liquid.
Colour	: Yellow.
Odour	: odourless.
Odour threshold	: no data available
pH	: 7 - 11,5
Relative evaporation rate (butylacetate=1)	: < 0,1
Melting point	: < -50 °C
Freezing point	: no data available
Boiling point	: > 230 °C
Flash point	: 110 °C
Auto-ignition temperature	: > 324 °C
Decomposition temperature	: no data available
Flammability (solid, gas)	: no data available
Vapour Pressure 20°C	: < 2 hPa
Relative vapour density at 20 °C	: > 1 (air=1)
Relative density	: no data available
Density	: 1,035 - 1,045 kg/l
Solubility	: Completely miscible with water.
Log Pow	: < 2
Viscosity, kinematic	: 10 - 20 mm ² /s
Viscosity, dynamic	: no data available
Explosive properties	: no data available
Oxidising properties	: no data available
Explosive limits	: 0,6 - 7 vol %

9.2. Other information

Other properties : Gas/vapour heavier than air at 20°C.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Moisture. Overheating.

10.5. Incompatible materials

Strong oxidizing agents. strong acids.

10.6. Hazardous decomposition products

CO, CO₂.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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LD50 oral rat	2630 mg/kg
LD50 dermal rabbit	3540 mg/kg

2,2' -oxybisethanol; diethylene glycol (111-46-6)

LD50 oral rat	19600 mg/kg bodyweight
LD50 dermal rabbit	11890 mg/kg
LC50 inhalation rat (mg/l)	> 4,6 mg/l air

Butyl Triglycol (161907-77-3)

LD50 oral rat	2630 mg/kg
LD50 dermal rabbit	3540 mg/kg

2,6-Di-tert-butyl-p-cresol (128-37-0)

LD50 oral rat	> 2930 mg/kg
LD50 dermal rat	> 2000 ml/kg

methanol (67-56-1)

LD50 oral rat	1187 - 2769 mg/kg
LD50 dermal rabbit	17100
LC50 inhalation rat (mg/l)	85 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	64000 ppm/4h (Rat)
LC50 inhalation rat (Vapours - mg/l/4h)	128,2 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 7 - 11,5
Serious eye damage/irritation	: Irritating to eyes. (OECD 404 method) pH: 7 - 11,5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Aspiration hazard	: Not classified

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Viscosity, kinematic	10 - 20 mm ² /s
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Other information : Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products. Likely route of exposure: ingestion, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

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Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Eurol Brake Fluid DOT 3	
LC50 fish 1	> 1800 mg/l <i>Scophthalmus maximus</i>
LC50 other aquatic organisms 1	> 2490 mg/kg <i>Selenastrum capricornutum</i>
EC50 Daphnia 1	> 3200 mg/l EC50 48h - <i>Daphnia magna</i> [mg/l]

2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol (143-22-6)	
LC50 fish 1	75200 mg/l <i>Pimephales promelas</i>
EC50 Daphnia 1	> 10000 mg/l EC50 24h - <i>Daphnia magna</i> [mg/l]
NOEC chronic algae	> 100 mg/l <i>Pseudokirchneriella subcapitata</i>

2,2' -oxybisethanol; diethylene glycol (111-46-6)	
LC50 fish 1	> 5000 ppm
LC50 fish 2	75200 mg/l
EC50 Daphnia 1	> 3200 mg/l EC50 48h - <i>Daphnia magna</i> [mg/l]
EC50 Daphnia 2	> 10000 mg/l
EC50 72h algae (1)	1054 mg/l <i>Scenedesmus subspicatus</i>
EC50 96h algae (1)	9362 mg/l

2,6-Di-tert-butyl-p-cresol (128-37-0)	
EC50 Daphnia 1	0,48 mg/l EC50 48h - <i>Daphnia magna</i> [mg/l]

methanol (67-56-1)	
LC50 fish 1	15400 mg/l 96 h; (<i>Lepomis macrochirus</i>)
LC50 fish 2	10800 mg/l 96 h; <i>Salmo gairdneri</i> (<i>Oncorhynchus mykiss</i>)
EC50 Daphnia 1	> 10 g/l 48 h
EC50 Daphnia 2	24500 mg/l (48 h; <i>Daphnia magna</i>)
NOEC chronic fish	7900 mg/l
Threshold limit other aquatic organisms 1	6600 mg/l (16 h; <i>Pseudomonas putida</i>)
Threshold limit algae 1	530 mg/l (192 h; <i>Microcystis aeruginosa</i>)
Threshold limit algae 2	8000 mg/l (168 h; <i>Scenedesmus quadricauda</i>)

12.2. Persistence and degradability

Eurol Brake Fluid DOT 3	
Persistence and degradability	Not readily biodegradable.

2,2' -oxybisethanol; diethylene glycol (111-46-6)	
Biochemical oxygen demand (BOD)	0,02 g O ₂ /g substance
Chemical oxygen demand (COD)	1,51 g O ₂ /g substance
ThOD	1,51 g O ₂ /g substance
BOD (% of ThOD)	0,015

2,6-Di-tert-butyl-p-cresol (128-37-0)	
Biodegradation	4,5 % (OECD 301C method)

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methanol (67-56-1)	
Persistence and degradability	Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.
12.3. Bioaccumulative potential	
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Log Pow	< 2
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.
2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol (143-22-6)	
Log Pow	0,51
2,2' -oxybisethanol; diethylene glycol (111-46-6)	
BCF fish 1	100
Bioconcentration factor (BCF REACH)	100
Log Pow	-1,98
Butyl Triglycol (161907-77-3)	
Log Kow	0,44
2,6-Di-tert-butyl-p-cresol (128-37-0)	
Bioconcentration factor (BCF REACH)	330 Cyprinus carpio (Common carp)
Log Pow	5,1
Log Kow	5,03
methanol (67-56-1)	
Bioconcentration factor (BCF REACH)	< 10
Log Pow	-0,77
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.
12.4. Mobility in soil	
Eurol Brake Fluid DOT 3	
Mobility in soil	0,061
Ecology - soil	Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water.
2,2' -oxybisethanol; diethylene glycol (111-46-6)	
Surface tension	0,0485 N/m
Log Koc	0
methanol (67-56-1)	
Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination.
12.5. Results of PBT and vPvB assessment	
Component	
2,2' -oxybisethanol; diethylene glycol (111-46-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
12.6. Other adverse effects	
No additional information available	

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment.
Additional information	: Hazardous waste.
Ecology - waste materials	: Every mixture with foreign substances such as solvents, brake- and cooling liquids is forbidden. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. When not empty dispose of this container at hazardous or special waste collection point.
European List of Waste (LoW) code	: 16 01 13* - brake fluids

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

No supplementary information available

14.6. Special precautions for user

Overland transport

no data available

Transport by sea

no data available

Air transport

no data available

Inland waterway transport

no data available

Rail transport

no data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out

methanol

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
	For mixture	Added	
1.1	Name	Added	
2.2	EUH-statements	Added	
2.2	Precautionary statements (CLP)	Modified	
2.2	Hazard statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
9.1	Auto-ignition temperature	Modified	
9.1	Flash point	Modified	
11.1	ATE CLP (oral)	Modified	
11.1	ATE CLP (dermal)	Added	

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 1	Specific target organ toxicity — Single exposure, Category 1
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H370	Causes damage to organs.
H371	May cause damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

Eurol Brake Fluid DOT 3

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H410	Very toxic to aquatic life with long lasting effects.
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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.