

SAFETY DATA SHEET STP® Synthetic Brake Fluid DOT 4

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended).

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

1.1. Product identifier

Product name STP® Synthetic Brake Fluid DOT 4

Product number 69500

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

Identified uses Brake fluid.

Uses advised againstNo specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Energizer Trading Ltd

Sword House Totteridge Road High Wycombe HP13 6DG

UK

Tel: +44 845 602 1995 euregulatory@energizer.com

1.4. Emergency telephone number

Emergency telephone +44 1495 350234

Monday - Thursday: 0830 - 1700

Friday: 0830 - 1530

National emergency telephone Product information has been submitted to the UK National Poisons Information Service

number (NPIS) and is accessible to medical health professionals.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319 Repr. 2 - H361d

Environmental hazards Not Classified

Human health Irritating to eyes. Suspected of damaging the unborn child.

2.2. Label elements

Hazard pictograms





STP® Synthetic Brake Fluid DOT 4

Signal word Warning

Hazard statements H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

Precautionary statements P102 Keep out of reach of children.

P280 Wear protective gloves and eye 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.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

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

Supplementary precautionary

P201 Obtain special instructions before use.

statements

Contains

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash contaminated skin thoroughly after handling.

P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

2-(2-(2-butoxyethoxy)ethoxy)ethanol

20 - <30%

CAS number: 143-22-6 EC number: 205-592-6

This substance has specific concentration limits.

Classification

Eye Dam. 1 - H318

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

20 - <30%

CAS number: 30989-05-0 EC number: 250-418-4

Classification

Repr. 2 - H361d

2,2'-oxydiethanol 5 - <10%

CAS number: 111-46-6 EC number: 203-872-2

Classification

Acute Tox. 4 - H302

Poly(oxy-1,2-ethanediyl), α-butyl-ω-hydroxy-

5 - <10%

This substance has specific concentration limits.

Classification

Eye Dam. 1 - H318

STP® Synthetic Brake Fluid DOT 4

2-(2-butoxyethoxy)ethanol 1 - <3%

CAS number: 112-34-5 EC number: 203-961-6

Classification
Eye Irrit. 2 - H319

2-(2-methoxyethoxy)ethanol 1 - <3%

CAS number: 111-77-3 EC number: 203-906-6

Classification Repr. 2 - H361d

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing.

Inhalation If throat irritation or coughing persists, proceed as follows. Remove person to fresh air and

keep comfortable for breathing. Get medical attention if symptoms are severe or persist.

Ingestion Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if

symptoms are severe or persist.

Skin contact Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at

least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

Eye contact Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do.

Continue rinsing. Get medical attention if symptoms are severe or persist after washing.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation Prolonged or repeated exposure to vapours in high concentrations may cause the following

adverse effects: Drowsiness. Dizziness.

Ingestion Gastrointestinal symptoms, including upset stomach.

Skin contact Prolonged skin contact may cause redness and irritation. Prolonged contact may cause

dryness of the skin.

Eye contact Irritating to eyes. May cause discomfort. Pain. Profuse watering of the eyes. Redness.

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

Notes for the doctor Treat symptomatically. Keep affected person under observation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-

extinguishing media suitable for the surrounding fire.

STP® Synthetic Brake Fluid DOT 4

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances: Oxides

of carbon. Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during

firefighting

Use water to keep fire exposed containers cool and disperse vapours.

Special protective equipment

for firefighters

Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's

clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all

ignition sources if safe to do so. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage. Eliminate all ignition sources if safe to do so. Do not touch or walk into spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Use only non-sparking tools. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Reference to other sections

See Section 11 for additional information on health hazards. For waste disposal, see Section

13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray/mists. Wear protective clothing as described in Section 8 of this safety data sheet. Suspected of damaging the unborn child. Avoid contact during pregnancy/while nursing. Take precautionary measures against static discharges. Keep away from heat, sparks and open flame. Provide adequate ventilation.

Advice on general occupational hygiene

Avoid contact with eyes and prolonged skin contact. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool and well-ventilated place. Store in tightly-closed, original container. Store at

temperatures between 15°C and 30°C. Keep away from heat, sparks and open flame. Take

precautionary measures against static discharges.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

STP® Synthetic Brake Fluid DOT 4

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

2,2'-oxydiethanol

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m³ Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³

2-(2-methoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA): WEL 10 ppm 50.1 mg/m³

Sk

WEL = Workplace Exposure Limit. Sk = Can be absorbed through the skin.

2-(2-(2-butoxyethoxy)ethoxy)ethanol (CAS: 143-22-6)

DNEL Workers - Inhalation; Long term systemic effects: 24 mg/m³

Workers - Inhalation; Short term systemic effects, local effects: 96 mg/m³

Workers - Inhalation; Long term local effects: 30.5 mg/m³
Workers - Dermal; Long term systemic effects: 1005 mg/kg/day
Workers - Dermal; Short term systemic effects: 400 mg/kg/day

General population - Inhalation; Long term systemic effects: 12 mg/m³

General population - Inhalation; Short term local effects, systemic effects: 48 mg/m³

General population - Inhalation; Long term local effects: 15.252 mg/m³ General population - Dermal; Long term systemic effects: 502.5 mg/kg/day General population - Dermal; Short term systemic effects: 200 mg/kg General population - Oral; Long term systemic effects: 50.25 mg/kg/day General population - Oral; Short term systemic effects: 103.4 mg/kg/day

PNEC Fresh water; 100 mg/l

marine water; 142.57 mg/l

STP; 199.5 mg/l

Sediment (Freshwater); 11.115 mg/kg Sediment (Marinewater); 1.111 mg/kg

Soil; 11.51 mg/kg Oral; 525.5 mg/kg

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

DNEL Workers - Inhalation; Long term systemic effects: 29.1 mg/m³

Workers - Dermal; Long term systemic effects: 8.3 mg/kg/day

General population - Inhalation; Long term systemic effects: 7.2 mg/m³ General population - Dermal; Long term systemic effects: 4.1 mg/kg/day General population - Oral; Long term systemic effects: 4.1 mg/kg/day

PNEC Fresh water; 0.211 mg/l

marine water; 0.021 mg/l

STP; 100 mg/l

Sediment (Freshwater); 0.76 mg/kg Sediment (Marinewater); 0.076 mg/kg

Soil; 0.028 mg/kg

2,2'-oxydiethanol (CAS: 111-46-6)

STP® Synthetic Brake Fluid DOT 4

DNEL Workers - Inhalation; Long term systemic effects: 44 mg/m³

Workers - Inhalation; Long term local effects: 60 mg/m³ Workers - Dermal; Long term systemic effects: 43 mg/kg/day

General population - Inhalation; Long term systemic effects, local effects: 12 mg/m³

General population - Dermal; Long term systemic effects: 21 mg/kg/day

PNEC Fresh water; 10 mg/l

marine water; 1 mg/l STP; 199.5 mg/l

Sediment (Freshwater); 20.9 mg/kg Sediment (Marinewater); 2.09 mg/kg

Soil; 1.53 mg/kg

Poly(oxy-1,2-ethanediyl), α-butyl-ω-hydroxy- (CAS: 9004-77-7)

DNEL Workers - Inhalation; Long term systemic effects: 245 mg/m³

Workers - Dermal; Long term systemic effects: 265 mg/kg/day

General population - Inhalation; Long term systemic effects: 149 mg/m³ General population - Dermal; Long term systemic effects: 160 mg/kg/day General population - Oral; Long term systemic effects: 16 mg/kg/day

PNEC Fresh water; 4.5 mg/l

marine water; 0.31 mg/l

STP; 500 mg/l

Sediment (Freshwater); 6.6 mg/kg Sediment (Marinewater); 0.66 mg/kg

Soil; 1.32 mg/kg

2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)

DNEL Workers - Inhalation; Long term systemic effects, local effects: 67.5 mg/m³

Workers - Dermal; Long term systemic effects: 83 mg/kg/day

General population - Inhalation; Long term systemic effects, local effects: 40.5

mg/m³

General population - Dermal; Long term systemic effects: 50 mg/kg/day General population - Oral; Long term systemic effects: 5 mg/kg/day

PNEC Fresh water; 1.1 mg/l

marine water; 0.11 mg/l

STP; 200 mg/l

Sediment (Freshwater); 4.4 mg/kg Sediment (Marinewater); 0.44 mg/kg

Soil; 0.32 mg/kg Oral; 56 mg/kg

2-(2-methoxyethoxy)ethanol (CAS: 111-77-3)

DNEL Workers - Inhalation; Long term systemic effects: 50.1 mg/m³

Workers - Dermal; Long term systemic effects: 2.22 mg/kg/day

General population - Inhalation; Long term systemic effects: 30.1 mg/m³ General population - Dermal; Long term systemic effects: 1.33 mg/kg/day General population - Oral; Long term systemic effects: 7.5 mg/kg/day

STP® Synthetic Brake Fluid DOT 4

PNEC Fresh water; 12 mg/l

marine water; 1.2 mg/l STP; 10000 mg/l

Sediment (Freshwater); 44.4 mg/kg Sediment (Marinewater); 0.44 mg/kg

Soil; 2.1 mg/kg

8.2. Exposure controls

Protective equipment





Appropriate engineering controls

Provide adequate ventilation. All handling should only take place in well-ventilated areas. Avoid inhalation of vapours and spray/mists. Use explosion-proof electrical, ventilating and lighting equipment.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. Thickness: ≥ 0.2 mm Butyl rubber. Thickness: ≥ 0.3 mm The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Frequent changes are recommended.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Do not smoke in work area. Wash promptly with soap and water if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'-marked.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Amber.

Odour Mild.

Odour threshold Not determined.

pH pH (concentrated solution): 7 - 10.5

Melting point < -50°C Initial boiling point and range > 260°C Flash point > 100°C

STP® Synthetic Brake Fluid DOT 4

Evaporation rate Not determined.

Evaporation factor Not determined.

Flammability (solid, gas) Not relevant.

Upper/lower flammability or

explosive limits

Not relevant.

Vapour pressure 1.0 mbar

Vapour density Not determined.

Relative density 1.02 - 1.07

Bulk density Not determined.

Solubility(ies) Soluble in water.

Partition coefficient Not determined.

Auto-ignition temperature Not relevant.

Decomposition Temperature 300°C

Viscosity 5 - 10 cSt @ 20°C

Explosive properties Not considered to be explosive.

Oxidising properties The mixture itself has not been tested but none of the ingredient substances meet the criteria

for classification as oxidising.

9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

products

Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis. Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition

None at ambient temperatures. Thermal decomposition or combustion products may include

the following substances: Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD50) Based on available data the classification criteria are not met.

STP® Synthetic Brake Fluid DOT 4

ATE oral (mg/kg) 5,050.51

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritationBased on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisationBased on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

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

Reproductive toxicity

Reproductive toxicity - fertility Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

General information Known or suspected teratogen. Avoid contact during pregnancy/while nursing. Pregnant or

breastfeeding women should not work with this product if there is any risk of exposure.

Toxicological information on ingredients.

2-(2-(2-butoxyethoxy)ethoxy)ethanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 5,170.0

mg/kg)

Species Rat

ATE oral (mg/kg) 5,170.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 3,540.0

mg/kg)

STP® Synthetic Brake Fluid DOT 4

Species Rabbit

ATE dermal (mg/kg) 3,540.0

Skin corrosion/irritation

Animal data Dose: 0.5 ml, 4 hours, Rabbit Not irritating.

Serious eye damage/irritation

Serious eye Causes serious eye damage.

damage/irritation

Germ cell mutagenicity

Genotoxicity - in vitroBacterial reverse mutation test: Negative.

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

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rat

Reproductive toxicity

Reproductive toxicity - Suspected of damaging the unborn child.

development Fetotoxicity: - NOAEL: 250 mg/kg/day, Oral, Rabbit

2,2'-oxydiethanol

Acute toxicity - oral

Notes (oral LD₅₀) Harmful if swallowed.

ATE oral (mg/kg) 500.0

Skin corrosion/irritation

Animal data Not irritating.

Serious eye damage/irritation

Serious eye Not irritating.

damage/irritation

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising.

Poly(oxy-1,2-ethanediyl), α-butyl-ω-hydroxy-

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 3540 mg/kg, Dermal, Rabbit

Serious eye damage/irritation

Serious eye Causes serious eye damage.

damage/irritation

2-(2-butoxyethoxy)ethanol

STP® Synthetic Brake Fluid DOT 4

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

2,410.0

Species Mouse

ATE oral (mg/kg) 2,410.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 27,640.0

mg/kg)

Species Rabbit

ATE dermal (mg/kg) 27,640.0

Skin corrosion/irritation

Animal data Dose: 0.5 ml, 1 hour, Rabbit Not irritating.

Serious eye damage/irritation

Serious eye Eye Irrit. 2 - H319 Causes serious eye irritation.

damage/irritation

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Chromosome aberration: Negative.

Reproductive toxicity

Reproductive toxicity -

development

Maternal toxicity: - NOAEL: 633 mg/kg/day, Oral, Rat

2-(2-methoxyethoxy)ethanol

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 7128 mg/kg, Oral, Mouse

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 9404 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC $_{50}$) LC $_{0}$ >1.2 mg/l, Inhalation, Rat

Reproductive toxicity

Reproductive toxicity - Suspected of damaging the unborn child.

development

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Not considered toxic to fish. However, large or frequent spills may have hazardous effects on

the environment.

Ecological information on ingredients.

2-(2-(2-butoxyethoxy)ethoxy)ethanol

STP® Synthetic Brake Fluid DOT 4

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 2200 - 4600 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic

invertebrates

LC₅₀, 48 hours: 2210 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

NOEC, 72 hours: 62.5 mg/l, Desmodesmus subspicatus

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

Acute aquatic toxicity

Acute toxicity - fish LC₅o, 96 hours: > 222.2 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: >500 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability Expected to be readily biodegradable.

Ecological information on ingredients.

2-(2-(2-butoxyethoxy)ethoxy)ethanol

Biodegradation Water - Degradation 85%: 28 days

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

Biodegradation Water - Degradation >70%: 10 days

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient Not determined.

Ecological information on ingredients.

2-(2-(2-butoxyethoxy)ethoxy)ethanol

Partition coefficient log Pow: 0.51

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

Partition coefficient log Pow: <0.5

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

assessment

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

STP® Synthetic Brake Fluid DOT 4

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Waste should not be disposed of untreated to the sewer unless fully compliant with the

requirements of the local water authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

National regulations EH40/2005 Workplace exposure limits.

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended). The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)

(Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

STP® Synthetic Brake Fluid DOT 4

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by

Road.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IMDG: International Maritime Dangerous Goods. IATA: International Air Transport Association.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by

Inland Waterways.

ATE: Acute Toxicity Estimate.

DNEL: Derived No Effect Level.

LC50: Lethal Concentration to 50 % of a test population.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.

BCF: Bioconcentration Factor.

Classification procedures according to SI 2019 No. 720

Eye Irrit. 2 - H319, Repr. 2 - H361d: Calculation method.

Revision comments Section 1: Identification of the substance/mixture and of the company/undertaking // 1.3.

Details of the supplier of the safety data sheet.

Revision date 02/06/2021

Revision 1

Supersedes date 20/08/2020

SDS number 1475

Hazard statements in full H302 Harmful if swallowed.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

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