

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 10.01.2014 Revision date: 19.12.2023 Supersedes: 13.12.2022 Version: 4.0

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

: Brake fluid.

#### **1.1. Product identifier**

Product form	: Mixture
Product name	: Eurol Brake Fluid DOT 5.1
UFI	: K9R8-D2XX-780W-2G4F
Product code	: E801500
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 Use of the substance/mixture

: Industrial use, professional use, Consumer use

## 1.2.2. Uses advised against

No additional information available

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

Eurol B.V. Energiestraat 12 NL-7442 DA Nijverdal The Netherlands Tel: +31 548 615 165 <u>reach@eurol.com</u> - <u>www.eurol.com</u>

#### 1.4. Emergency telephone number

#### Emergency number

: For Transport Emergency Call +31 6 26 71 27 43 (24hr/day 7days/week)

Country	Organisation/Company	Address	Emergency number	Comment
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 Msida MSD 2090 Msida	+356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

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

Reproductive toxicity, Category 2 Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Suspected of damaging fertility or the unborn child.

H361fd

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#### 2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) GHS08 CLP Signal word : Warning Hazard statements (CLP) : H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child. Precautionary statements (CLP) : P102 - Keep out of reach of children. P201 - Obtain special instructions before use. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P308+P313 - IF exposed or concerned: Get medical advice/attention. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. EUH-statements : EUH208 - Contains dihydro-3-(tetrapropenyl)furan-2,5-dione. May produce an allergic reaction. 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.

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### **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]
tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate	CAS-No.: 30989-05-0 EC-No.: 250-418-4 REACH-no: 01-2119462824- 33	≥ 50	Repr. 2, H361fd
dihydro-3-(tetrapropenyl)furan-2,5-dione	CAS-No.: 26544-38-7 EC-No.: 247-781-6 REACH-no: 01-2119979080- 37	< 0,1	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 4, H413

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation	<ul><li>IF exposed or concerned: Get medical advice/attention.</li><li>Remove person to fresh air and keep comfortable for breathing.</li></ul>

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First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion	<ul><li>Wash skin with plenty of water.</li><li>Rinse eyes with water as a precaution.</li><li>Call a poison center or a doctor if you feel unwell.</li></ul>		
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 Unsuitable extinguishing media	<ul> <li>Water spray. Dry powder. Foam. Carbon dioxide.</li> <li>Do not use a heavy water stream. Use of heavy stream of water may spread fire.</li> </ul>	
5.2. Special hazards arising from the substance or mixture		
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	<ul> <li>Combustion generates: CO, CO2.</li> <li>Not expected to be a fire/explosion hazard under normal conditions of use.</li> <li>Toxic fumes may be released.</li> </ul>	
5.3. Advice for firefighters		
Precautionary measures fire Firefighting instructions Protection during firefighting	<ul> <li>Do not enter fire area without proper protective equipment, including respiratory protection.</li> <li>Use water spray or fog for cooling exposed containers.</li> <li>Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.</li> </ul>	
Other information	<ul> <li>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.</li> </ul>	

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.		
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	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".		
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	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.	
Other information	: Dispose of materials or solid residues at an authorized site.	
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	: Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
Hygiene measures	: Do no eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	ng any incompatibilities
Technical measures	: Keep container tightly closed and in well ventilated place.
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible products	: Reacts vigorously with strong oxidizers and acids.
Maximum storage period Storage temperature	: 2 year : ≤ 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

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

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#### 8.1.5. Control banding

No additional information available

#### **8.2. Exposure controls**

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

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

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

Eye protection: Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Protective gloves

#### Other skin protection

Materials for protective clothing: PVC gloves. Nitrile rubber. Butyl-rubber protective gloves

#### 8.2.2.3. Respiratory protection

**Respiratory protection:** Wear respiratory protection

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

### 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 phy	sical and chemical properties	
Physical state	: Liquid	
Colour	: colourless to slightly yellow.	
Appearance	: Oily. Liquid.	
Odour	: characteristic.	
Odour threshold	: Not available	
Melting point	: ≤-50 °C	

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Freezing point	: Not available
Boiling point	: > 280 °C
Flammability (solid, gas)	: Non flammable.
Lower explosive limit (LEL)	: 0,6 vol %
Upper explosive limit (UEL)	: 7 vol %
Flash point	: > 120 °C
Auto-ignition temperature	: >240 °C
Decomposition temperature	: Not available
pH	: 7 – 10,5
Viscosity, kinematic	: 10 – 20 mm²/s @20°C
Solubility	: Completely miscible with water.
Log Kow	Not available
Log Pow	: <2
Vapour Pressure 20°C	: < 0,1 hPa
Vapour pressure at 50°C	: Not available
Density	: 1,06 – 1,07 kg/l
Relative density	: Not available
Relative vapour density at 20°C	: > 1 (air=1)
Particle characteristics	Not applicable

### 9.2. Other information

9.2.1. Information with regard to physical haz	ard classes
Explosion limits	: 0,6 – 7 vol %
9.2.2. Other safety characteristics	
Relative evaporation rate (butylacetate=1)	: < 0,1

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.

SECTION 11:	Toxicological	information

Acute toxicity (oral)
Acute toxicity (dermal)
Acute toxicity (inhalation)

- : Not classified
- : Not classified

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tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] o	orthoborate (30989-05-0)
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral))
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Remarks on results: other:
Skin corrosion/irritation	: Not classified
	pH: 7 – 10,5
Serious eye damage/irritation	: Not classified pH: 7 – 10,5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility. Suspected of damaging the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] c	orthoborate (30989-05-0)
NOAEL (oral, rat, 90 days)	≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
dihydro-3-(tetrapropenyl)furan-2,5-dione (	26544-38-7)
NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight Animal: rat, Guideline: other:, Guideline: other:
Aspiration hazard	: Not classified
Eurol Brake Fluid DOT 5.1	
Viscosity, kinematic	10 – 20 mm²/s @20°C
dihydro-3-(tetrapropenyl)furan-2,5-dione (	26544-38-7)
Viscosity, kinematic	0,428 mm²/s
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	
No additional information available	
11.2.2. Other information	
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	: The product is not considered harmful to aquatic organisms nor to cause long-term advers

Ecology - general	effects in the environment.			
Hazardous to the aquatic environment, short-term : (acute)	Not classified			
Hazardous to the aquatic environment, long–term : (chronic)	Not classified			
tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate (30989-05-0)				
LC50 fish 1	> 222,2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)			

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tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate (30989-05-0)			
LC50 fish 2	> 1010 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
EC50 Daphnia 1	> 211,2 mg/l Test organisms (species): Daphnia magna		
EC50 Daphnia 2	> 960 mg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	> 224,4 mg/l Test organisms (species): other:		
EC50 72h - Algae [2]	> 1020 mg/l Test organisms (species): other:		
dihydro-3-(tetrapropenyl)furan-2,5-dione (2654	44-38-7)		
LC50 fish 1	> 100 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
EC50 96h - Algae [1]	110 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)		
EC50 96h - Algae [2]	160 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)		
12.2. Persistence and degradability			
Eurol Brake Fluid DOT 5.1			
Persistence and degradability	Not readily biodegradable.		
12.3. Bioaccumulative potential			
Eurol Brake Fluid DOT 5.1			
Log Pow	< 2		
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.		
12.4. Mobility in soil			
Eurol Brake Fluid DOT 5.1			
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.		
12.5. Results of PBT and vPvB assessment			
No additional information available			
12.6. Endocrine disrupting properties			
No additional information available			
12.7. Other adverse effects			

No additional information available

SECTION 13: Disposal consideration	5
13.1. Waste treatment methods	
Regional waste regulation	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Waste disposal recommendations	<ul> <li>Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment.</li> </ul>
Additional information	: Hazardous waste.

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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, EC 2000/532)	: 16 01 13* - brake fluids

## **SECTION 14: Transport information**

ADR	IMDG	ΙΑΤΑ	ADN	RID
4.1. UN number or ID n	umber			
Not regulated for transport				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
I4.2. UN proper shipping	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
I4.3. Transport hazard c	lass(es)			·
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
I4.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			-
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

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. Maritime transport in bulk according to IMO instruments

Not applicable

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#### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	
3(b)	Eurol Brake Fluid DOT 5.1 ; tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate ; dihydro-3-(tetrapropenyl)furan-2,5- dione	
3(c)	dihydro-3-(tetrapropenyl)furan-2,5-dione	

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
	Flammability (solid, gas)	Added	
1.1	UFI on SDS 1.1	Added	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.1	Adverse physicochemical, human health and environmental effects	Added	
2.2	Hazard statements (CLP)	Modified	
4.1	First-aid measures general	Modified	

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Indication of changes					
Section	Changed item	Change Comments			
4.1	First-aid measures after skin contact	ct Modified			
4.1	First-aid measures after inhalation	Modified			
4.1	First-aid measures after ingestion	Modified			
4.1	First-aid measures after eye contact	Modified			
5.1	Suitable extinguishing media Modified				
5.2	Hazardous decomposition products in case of Added fire				
5.3	Protection during firefighting Modified				
6.1	Protective equipment Modified				
6.3	Methods for cleaning up Modified				
6.3	Other information Modified				
7.1	Precautions for safe handling Modified				
7.1	Hygiene measures Modified				
7.2	Storage conditions	Modified			
8.2	Environmental exposure controls	Modified			
8.2	Respiratory protection	Modified			
8.2	Hand protection	Modified			
8.2	Appropriate engineering controls	Modified			
8.2	Eye protection	Modified			
8.2	Skin and body protection	Modified			
9.1	Viscosity, kinematic	Modified			
9.1	Upper explosive limit (UEL)	Added			
9.1	Lower explosive limit (LEL)	Added			
12.1	Ecology - general	Modified			
13.1	Product/Packaging disposal recommendations	Added			
15.2	Chemical safety assessment	Added			
16	Abbreviations and acronyms	Added			
16	Data sources	Added			
16	Other information	Added			

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	

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Abbreviations and acronyms:			
DMEL	Derived Minimal Effect level		
DNEL	Derived-No Effect Level		
EC-No.	European Community number		
EC50	Median effective concentration		
EN	European Standard		
IARC	International Agency for Research on Cancer		
ΙΑΤΑ	International Air Transport Association		
IMDG	International Maritime Dangerous Goods		
LC50	Median lethal concentration		
LD50	Median lethal dose		
LOAEL	Lowest Observed Adverse Effect Level		
NOAEC	No-Observed Adverse Effect Concentration		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OECD	Organisation for Economic Co-operation and Development		
OEL	Occupational Exposure Limit		
РВТ	Persistent Bioaccumulative Toxic		
PNEC	Predicted No-Effect Concentration		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail		
SDS	Safety Data Sheet		
STP	Sewage treatment plant		
ThOD	Theoretical oxygen demand (ThOD)		
TLM	Median Tolerance Limit		
VOC	Volatile Organic Compounds		
CAS-No.	Chemical Abstract Service number		
N.O.S.	Not Otherwise Specified		
vPvB	Very Persistent and Very Bioaccumulative		
ED	Endocrine disrupting properties		

Data sources

 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
 None.

Other information

Full text of H- and EUH-statements:		
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4	
EUH208	Contains dihydro-3-(tetrapropenyl)furan-2,5-dione. May produce an allergic reaction.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	

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Full text of H- and EUH-statements:		
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.	
H413	May cause long lasting harmful effects to aquatic life.	
Repr. 2	Reproductive toxicity, Category 2	
Skin Sens. 1A	Skin sensitisation, category 1A	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
Repr. 2	H361fd	Expert judgement	

Safety Data Sheet (SDS), EU

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.