

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA BRAKE FLUID DOT 4 LV

Revision: 12.09.2023

Product code: 180664

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SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier

AVISTA BRAKE FLUID DOT 4 LV

UFI: PFSU-DE9F-D6M4-7W7X

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

brake fluids

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	AVISTA OIL Deutschland GmbH	
Street:	Bahnhofstr. 82	
Place:	D-31311 Uetze	
Telephone:	+49 5177-850	
E-mail:	msds@avista-oil.de	
Contact person:	Product management	Telephone: +49 5177-178 (Only available during office hours.)
E-mail:	msds@avista-oil.de	
Internet:	www.avista-oil.de	

1.4. Emergency telephone number: CHEMTREC: +1-703-527-3887 (international, 24h aday / 7 days a week)

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture
Regulation (EC) No 1272/2008

Repr. 2; H361fd

Full text of hazard statements: see SECTION 16.

2.2. Label elements
Regulation (EC) No 1272/2008
Hazard components for labelling

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

Signal word: Warning

Pictograms:

Hazard statements

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.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.

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P501 Dispose of contents/container to hazardous or special waste collection point.

Special labelling of certain mixtures

EUH208 Contains Dihydro-3-(tetrapropenyl)furan-2,5-dion. May produce an allergic reaction.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

Discharge into the environment must be avoided.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
30989-05-0	Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate			55 - < 60 %
	250-418-4		01-2119462824-33	
	Repr. 2; H361fd			
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol			5 - < 10 %
	205-592-6	603-183-00-0		
	Eye Dam. 1; H318			
111-77-3	2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether			1 - < 3 %
	203-906-6	603-107-00-6		
	Repr. 1B; H360D			
26544-38-7	Dihydro-3-(tetrapropenyl)furan-2,5-dion			< 0.1 %
	247-781-6		01-2119979080-37	
	Eye Irrit. 2, Skin Sens. 1A, Aquatic Chronic 4; H319 H317 H413			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
30989-05-0	250-418-4	Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate	55 - < 60 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
143-22-6	205-592-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol	5 - < 10 %
		dermal: LD50 = 3540 mg/kg; oral: LD50 = 5170 mg/kg Eye Dam. 1; H318: >= 30 - 100 Eye Irrit. 2; H319: >= 20 - < 30	
111-77-3	203-906-6	2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether	1 - < 3 %
		inhalation: LC50 = > 200 mg/l (vapours); dermal: LD50 = ca. 6450 mg/kg; oral: LD50 = ca. 6500 mg/kg Repr. 1B; H360D: >= 3 - 100	
26544-38-7	247-781-6	Dihydro-3-(tetrapropenyl)furan-2,5-dion	< 0.1 %
		inhalation: LC50 = 5,3 mg/l (dusts or mists); dermal: LD50 = 6200 mg/kg; oral: LD50 = 2900 mg/kg	

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

First aider: Pay attention to self-protection! Do not breathe dust/fume/gas/mist/vapours/spray. Remove affected

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person from the danger area and lay down. Remove contaminated, saturated clothing immediately.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

In case of inhaling spray mist, consult a physician.

In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Immediately remove any contaminated clothing, shoes or stockings. In case of skin irritation, consult a physician.

After contact with eyes

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

After ingestion

Rinse mouth immediately and drink 1 glass of water.

Do NOT induce vomiting. Seek medical advice immediately. Never give anything by mouth to an unconscious person or a person with cramps.

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

Suspected of damaging the unborn child. When in doubt or if symptoms are observed, get medical advice.

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**

Extinguishing powder, alcohol resistant foam, Carbon dioxide (CO₂), Water mist.

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Strong water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide, Nitrogen oxides (NO_x).

5.3. Advice for firefighters

Do not inhale explosion and combustion gases.

In case of fire: Wear self-contained breathing apparatus.

Additional information

Move undamaged containers from immediate hazard area if it can be done safely.

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation.

Avoid contact with eyes and skin.

Use personal protection equipment.

In case of leakage, eliminate all ignition sources. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

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6.3. Methods and material for containment and cleaning up

For containment

- Prevent spread over a wide area (e.g. by containment or oil barriers).
- Remove from the water surface (e.g. skimming, sucking).

For cleaning up

- Take up mechanically, placing in appropriate containers for disposal.
- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Other information

- Special danger of slipping by leaking/spilling product.

6.4. Reference to other sections

- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

- Do not breathe mist/vapours/spray. Provide adequate ventilation.
- Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately.

Advice on protection against fire and explosion

- No special fire protection measures are necessary. This material is combustible, see section 9 for further information. Not readily flammable.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

- Do not eat, drink or smoke when using this product.
- Avoid contact with skin, eyes and clothes.
- Preventive skin protection by protective skin ointment.
- Take off immediately all contaminated clothing and wash it before reuse.
- Wash hands before breaks and after work.
- After cleaning apply high-fat content skin care cream.
- Do not put any product-impregnated cleaning rags into your trouser pockets.

Further information on handling

- The product is: hygroscopic.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

- Only use containers specifically approved for the substance/product.
- Keep container tightly closed and in a well-ventilated place.
- Always close containers tightly after the removal of product.
- Recommended storage temperature: 5 - 30 °C

Hints on joint storage

- Keep away from: Food and feedingstuffs, Oxidizing agent.

Further information on storage conditions

- Protect against: Heat Protect from direct sunlight.

7.3. Specific end use(s)

- brake fluids

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m ³	fib/cm ³	Category	Origin
111-77-3	2-(2-Methoxyethoxy)ethanol	10	50.1		TWA (8 h)	

DNEL/DMEL values

CAS No	Name of agent	Exposure route	Effect	Value
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol			
Consumer DNEL, long-term		inhalation	systemic	117 mg/m ³
Consumer DNEL, long-term		oral	systemic	2,5 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	195 mg/m ³
Consumer DNEL, long-term		dermal	systemic	25 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	50 mg/kg bw/day
111-77-3	2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether			
Worker DNEL, long-term		dermal	systemic	0,53 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	50,1 mg/m ³
Consumer DNEL, long-term		dermal	systemic	0,27 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	25 mg/m ³
Consumer DNEL, long-term		oral	systemic	1,5 mg/kg bw/day
26544-38-7	Dihydro-3-(tetrapropenyl)furan-2,5-dion			
Worker DNEL, acute		dermal	systemic	1 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	0,33 mg/kg bw/day
Worker DNEL, long-term		dermal	local	10 mg/cm ²

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PNEC values

CAS No	Name of agent	Value
Environmental compartment		
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol	
Freshwater		1,5 mg/l
Marine water		0,15 mg/l
Freshwater sediment		5,77 mg/kg
Marine sediment		0,13 mg/kg
Soil		0,45 mg/kg
111-77-3	2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether	
Freshwater		12 mg/l
Marine water		1,2 mg/l
Freshwater sediment		44,4 mg/kg
Marine sediment		4,44 mg/kg
Soil		2,44 mg/kg
26544-38-7	Dihydro-3-(tetrapropenyl)furan-2,5-dion	
Freshwater		0,02 mg/l
Marine water		0,002 mg/l
Freshwater sediment		1,7 mg/kg
Soil		0,2 mg/kg

8.2. Exposure controls
Individual protection measures, such as personal protective equipment
Eye/face protection

Suitable eye protection: . (EN 166)

Hand protection

Tested protective gloves must be worn: EN 420, EN ISO 374
 Suitable material: Butyl caoutchouc (butyl rubber), NBR (Nitrile rubber)
 Required properties: liquid-tight
 Permeation time (maximum wear duration): > 480 min.
 Thickness of the glove material: 0,4 mm
 Check leak tightness/impermeability prior to use.
 Replace when worn.

Skin protection

Handling larger quantities: Wear suitable protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.
 Respiratory protection necessary at: exceeding exposure limit values, insufficient ventilation, aerosol or mist formation
 The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state: Liquid

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Colour:	colourless	
Odour:	characteristic	
		Test method
Melting point/freezing point:	<-50 °C	
Boiling point or initial boiling point and boiling range:	>260 °C	ASTM D 1120
Flammability:	not applicable	
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Flash point:	>100 °C	DIN ISO 2592
Auto-ignition temperature:	No data available	
Decomposition temperature:	not determined	
pH-Value (at 20 °C):	7,0 - 10,5	DIN 51369
Viscosity / kinematic: (at -40 °C)	700 mm ² /s	DIN EN ISO 3104
Water solubility:	completely miscible	OECD 105
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	not determined	
Density (at 20 °C):	1,02 - 1,09 g/cm ³	ASTM D 297
Bulk density:	not determined	

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Based on available data, the classification criteria are not met. not explosive according to EU A.14

Sustained combustibility:

No data available

Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Oxidizing properties

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

Other safety characteristics

Evaporation rate:

not determined

Sublimation point:

No data available

Softening point:

No data available

Pour point:

No data available

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No known hazardous reactions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

The product is: hygroscopic.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Oxidising agent, strong

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10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

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.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 50 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
30989-05-0	Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rat		
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol				
	oral	LD50 5170 mg/kg	Rat		
	dermal	LD50 3540 mg/kg	Rabbit		
111-77-3	2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether				
	oral	LD50 ca. 6500 mg/kg	Rat		
	dermal	LD50 ca. 6450 mg/kg	Rabbit		
	inhalation (1 h) vapour	LC50 > 200 mg/l	Rat		
26544-38-7	Dihydro-3-(tetrapropenyl)furan-2,5-dion				
	oral	LD50 2900 mg/kg	Rat		OECD 423
	dermal	LD50 6200 mg/kg	Rabbit		
	inhalation (4 h) dust/mist	LC50 5,3 mg/l	Ratte		

Irritation and corrosivity

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

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

Sensitising effects

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

Contains Dihydro-3-(tetrapropenyl)furan-2,5-dion. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of damaging fertility. Suspected of damaging the unborn child. (Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate)

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

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

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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.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

11.2. Information on other hazards

Endocrine disrupting properties

No information available.

SECTION 12: Ecological information

12.1. Toxicity

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

There are no data available on the mixture itself.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
30989-05-0	Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate					
	Acute fish toxicity	LC50 >222,2 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		OECD 203
	Acute crustacea toxicity	EC50 211,2 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol; TEGBE; triethylene glycol monobutylether; butoxytriethylene glycol					
	Acute fish toxicity	LC50 2400 mg/l	96 h	Pimephales promelas (fathead minnow)		OECD 203
	Acute crustacea toxicity	EC50 2210 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202
111-77-3	2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether					
	Acute fish toxicity	LC50 7500 mg/l	96 h	Lepomis macrochirus		
	Acute algae toxicity	ErC50 > 500 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50 > 500 mg/l	48 h	Daphnia magna		
26544-38-7	Dihydro-3-(tetrapropenyl)furan-2,5-dion					
	Acute fish toxicity	LC50 >100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		Engine oil OECD 203
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202
	Fish toxicity	NOEC 100 mg/l		Oncorhynchus mykiss (Rainbow trout)		OECD 203

12.2. Persistence and degradability

Not readily biodegradable (according to OECD criteria)

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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
30989-05-0	Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate	OECD 301A	>70	28	
	Readily biodegradable (according to OECD criteria).				
26544-38-7	Dihydro-3-(tetrapropenyl)furan-2,5-dion	OECD 301D	9,9%	28	

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
30989-05-0	Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate	<3
111-77-3	2-(2-methoxyethoxy)ethanol; diethylene glycol monomethyl ether	-0,68

12.4. Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Consult the appropriate local waste disposal expert about waste disposal.

List of Wastes Code - residues/unused products

160113 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; 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); brake fluids; hazardous waste

List of Wastes Code - used product

160113 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; 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); brake fluids; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

SECTION 14: Transport information

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Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 54, Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Additional information

Observe in addition any national regulations! The receiver of our product is singularly responsible for adhering to existing laws and regulations.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2.

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Abbreviations and acronyms

Eye Dam. 1: Serious eye damage, hazard category 1

Eye Irrit. 2: Eye irritation, hazard category 2

Skin Sens. 1A: Skin sensitisation, hazard category 1A

Repr. 1B: Reproductive toxicity, hazard category 1B

Aquatic Chronic 4: Hazardous to the aquatic environment, long-term hazard category: Chronic 4

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Repr. 2; H361fd	Calculation method

Relevant H and EUH statements (number and full text)

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H360D	May damage the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains Dihydro-3-(tetrapropenyl)furan-2,5-dion. May produce an allergic reaction.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)