

according to UK REACH Regulation

#### Monza ATF MB 17

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

#### 1.1. Product identifier

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

## Use of the substance/mixture

Lubricating agent

#### Uses advised against

No information available.

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

Company name: Mitan Mineralöl GmbH Street: Industriestraße 8 Place: D-49577 Ankum Telephone: +49 5462 747050

e-mail: info@mitan-oil.de Internet: www.monza-oil.de

Responsible Department: Produktsicherheit / Product Safety

sicherheitsdatenblatt@mitan-oil.de

1.4. Emergency telephone Giftinformationszentrum Nord (Göttingen)

number: +49 (0)551/19240

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

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

## **GB CLP Regulation**

Asp. Tox. 1; H304 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

## **GB CLP Regulation**

#### Hazard components for labelling

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified

Signal word: Danger

Pictograms:



#### **Hazard statements**

H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

# **Precautionary statements**

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents / container in accordance with official regulations.

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## 2.3. Other hazards

No information available.

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

## 3.2. Mixtures

## **Chemical characterization**

Preparation of base oils and additives.

## **Hazardous components**

CAS No	Chemical name					
	EC No	Index No	REACH No			
	GHS Classification		•			
64742-54-7	Distillates (petroleum), hydrotrea	ted heavy paraffinic; Baseo	il - unspecified	27 - <= 45 %		
	265-157-1	649-467-00-8	01-2119484627-25			
	Asp. Tox. 1; H304	•	•			
72623-86-0	Lubricating oils (petroleum), C15	-30, hydrotreated neutral oil	-based; Baseoil - unspecified	25 - <= 43 %		
	276-737-9	649-482-00-X	01-2119474878-16			
	Asp. Tox. 1; H304	•	•			
36878-20-3	Bls(nonylphenyl)amine			0 - < 1,2 %		
	253-249-4		01-2119488911-28			
	Aquatic Chronic 4; H413	•	•			
125643-61-0	reaction mass of isomers of: C7-	0 - < 1,2 %				
	406-040-9	607-530-00-7	01-0000015551-76			
	Aquatic Chronic 4; H413					
	Reaction product of alkylthioalco	0 - < 0,24 %				
	424-820-7		01-0000017126-75			
	Acute Tox. 4, Skin Corr. 1B, Aqu	atic Acute 1, Aquatic Chron	ic 1; H312 H314 H400 H410			
91-20-3	naphthalene			0 - < 0,0001		
	202-049-5	601-052-00-2	01-2119561346-37			
	Carc. 2, Acute Tox. 4, Aquatic Ad					

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



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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc.	Limits, M-factors and ATE	
64742-54-7	265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	27 - <= 45 %
	inhalation: LC5 5000 mg/kg	50 = 5,53 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = >	
72623-86-0	276-737-9	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified	25 - <= 43 %
	dermal: LD50 =	= > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
36878-20-3	253-249-4	Bls(nonylphenyl)amine	0 - < 1,2 %
	oral: LD50 = >	5000 mg/kg	
125643-61-0	406-040-9	reaction mass of isomers of: C7-9-alkyl 3- (3,5-di-tert-butyl-4-hydroxyphenyl)propionate	0 - < 1,2 %
	dermal: LD50 =	= > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
	424-820-7	Reaction product of alkylthioalcohol and substituted phosphorus compound	0 - < 0,24 %
	dermal: LD50 = M chron.; H410	= > 500 mg/kg; oral: LD50 = > 2000 mg/kg M acute; H400: M=10 :: M=10	
91-20-3	202-049-5	naphthalene	0 - < 0,0001 %
	inhalation: LC5 mg/kg	50 = > 77,7 mg/l (vapours); dermal: LD50 = > 16000 mg/kg; oral: LD50 = 710	

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### **General information**

Remove affected person from the danger area and lay down.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

Provide fresh air. Call a doctor if you feel unwell.

## After contact with skin

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

Take off contaminated clothing and wash it before reuse.

In case of skin irritation, consult a physician.

## After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Rinse mouth thoroughly with water.

Let water be drunken in little sips (dilution effect).

Do NOT induce vomiting.

In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

## 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

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

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



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- Water spray jet
- alcohol resistant foam.
- Carbon dioxide (CO2).
- Extinguishing powder

#### Unsuitable extinguishing media

High power water jet.

#### 5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire may be liberated:

- Nitrogen oxides (NOx)
- Carbon monoxide (CO)
- Carbon dioxide (CO2).

#### 5.3. Advice for firefighters

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

In case of fire and/or explosion do not breathe fumes.

#### Additional information

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

Keep people at a distance and stay on the windward side.

Special danger of slipping by leaking/spilling product.

## For non-emergency personnel

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

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

Prevent spread over a wide area (e.g. by containment or oil barriers).

## 6.3. Methods and material for containment and cleaning up

#### For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### For cleaning up

Remove from the water surface (e.g. skimming, sucking).

# 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid formation of oil dust.

Use personal protection equipment.

Do not put any product-impregnated cleaning rags into your trouser pockets.

Clear spills immediately.

# Advice on protection against fire and explosion

No special fire protection measures are necessary.

Take precautionary measures against static discharges.



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Keep away from sources of ignition - No smoking.

## 7.2. Conditions for safe storage, including any incompatibilities

## Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place.

Keep container tightly closed.

Floors should be impervious, resistant to liquids and easy to clean.

## Hints on joint storage

No special measures are necessary.

## Further information on storage conditions

Note Regulation on facilities for the storage, filling and handling water-polluting substances. ..

## 7.3. Specific end use(s)

Lubricating agent

# **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

## **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
91-20-3	Naphthalene	10	50		TWA (8 h)	EU

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# **DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	; Baseoil - unspecified		
Worker DNEL	long-term	inhalation	systemic	2,73 mg/m³
Worker DNEL	long-term	inhalation	local	5,58 mg/m³
Worker DNEL	long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	local	1,19 mg/m³
Consumer DN	EL, long-term	oral	systemic	0,74 mg/kg bw/day
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated ne	eutral oil-based; Baseoil -	unspecified	
Worker DNEL	long-term	inhalation	systemic	2,73 mg/m³
Worker DNEL	long-term	inhalation	local	5,58 mg/m³
Worker DNEL	long-term	dermal	systemic	0,97 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	local	1,19 mg/m³
Consumer DN	EL, long-term	oral	systemic	0,74 mg/kg bw/day
36878-20-3	Bls(nonylphenyl)amine			
Worker DNEL	long-term	dermal	systemic	5 mg/kg bw/day
Consumer DN	EL, long-term	dermal	systemic	2,5 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	0,25 mg/kg bw/day
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-	-butyl-4-hydroxyphenyl)pi	ropionate	
Worker DNEL	long-term	dermal	systemic	1,67 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	1,62 mg/m³
Consumer DN	EL, long-term	dermal	systemic	0,83 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	0,93 mg/kg bw/day
Worker DNEL	long-term	inhalation	systemic	6,6 mg/m³
	Reaction product of alkylthioalcohol and substituted	phosphorus compound		
Worker DNEL	long-term	inhalation	systemic	1,76 mg/m³
Worker DNEL	long-term	dermal	systemic	0,5 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	0,43 mg/m³
Consumer DN	EL, long-term	dermal	systemic	0,25 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	0,25 mg/kg bw/day
91-20-3	naphthalene			
Worker DNEL	long-term	inhalation	systemic	25 mg/m³
Worker DNEL	long-term	inhalation	local	25 mg/m³
Worker DNEL	long-term	dermal	systemic	3,57 mg/kg bw/day



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## **PNEC** values

CAS No	Substance			
Environment	al compartment	Value		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified			
Secondary po	oisoning	9,33 mg/kg		
72623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified			
Secondary po	oisoning	9,33 mg/kg		
36878-20-3	Bls(nonylphenyl)amine			
Freshwater		0,412 mg/l		
Freshwater (i	intermittent releases)	1 mg/l		
Marine water		0,041 mg/l		
Freshwater s	ediment	1 mg/kg		
Marine sedim	nent	0,1 mg/kg		
125643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate			
Freshwater		0,018 mg/l		
Freshwater (i	intermittent releases)	0,018 mg/l		
Marine water		0,002 mg/l		
Freshwater s	ediment	2 mg/kg		
Marine sedim	0,2 mg/kg			
Secondary po	oisoning	41,33 mg/kg		
Micro-organi:	sms in sewage treatment plants (STP)	100 mg/l		
Soil		10 mg/kg		
	Reaction product of alkylthioalcohol and substituted phosphorus compound			
Freshwater	•	0,0009 mg/l		
Freshwater (i	intermittent releases)	0,0009 mg/l		
Marine water		0,00009 mg/l		
Freshwater s	ediment	0,73 mg/kg		
Marine sedim	nent	0,073 mg/kg		
Secondary po	oisoning	10 mg/kg		
Micro-organi:	sms in sewage treatment plants (STP)	5 mg/l		
Soil		0,086 mg/kg		
91-20-3	naphthalene			
Freshwater		0,0024 mg/l		
Freshwater (i	intermittent releases)	0,02 mg/l		
Marine water 0,0024 mg/l				
Freshwater sediment 0,0672 mg/kg				
Marine sediment 0,0672 mg/kg				
Micro-organi:	sms in sewage treatment plants (STP)	2,9 mg/l		
Soil		0,0533 mg/kg		

# 8.2. Exposure controls



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#### Protective and hygiene measures

Take off contaminated clothing and wash it before reuse.

Wash hands before breaks and after work.

When using do not eat, drink, smoke, sniff.

#### Eye/face protection

During filling, metering, mixing and sampling must be used:

Wear eye/face protection. EN 166

#### Hand protection

Preventive skin protection by use of skin-protecting agents is recommended.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Tested protective gloves must be worn. EN ISO 374

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

Usually no personal respirative protection necessary.

In case of inadequate ventilation wear respiratory protection.

#### **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state: Liquid Colour: yellow

Odour: Mineral-oil-like
Odour threshold: not determined

pH-Value: not determined

Changes in the physical state

Melting point/freezing point: not determined
Boiling point or initial boiling point and not determined

boiling range:

Pour point: -54 °C Flash point: 184 °C

Flammability

Solid/liquid: not applicable
Gas: not applicable

## **Explosive properties**

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Lower explosion limits:

not determined

Upper explosion limits:

not determined

Self-ignition temperature

Solid: not applicable Gas: not applicable



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Decomposition temperature: not determined

**Oxidizing properties** 

The product is not: oxidising.

Vapour pressure: not determined

Density (at 15 °C): 0,842 g/cm³

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / kinematic: 18 mm²/s

(at 40 °C)

Relative vapour density: not determined Evaporation rate: not determined

9.2. Other information

Solid content: not determined

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

## 10.3. Possibility of hazardous reactions

Reaction with: Oxidizing agent

#### 10.4. Conditions to avoid

Avoid: Thermal decomposition

#### 10.5. Incompatible materials

Materials to avoid:

- Acids
- Reducing agent
- Oxidising agent

## 10.6. Hazardous decomposition products

Hazardous combustion products:

- Carbon monoxide (CO)
- Carbon dioxide (CO2)
- Nitrogen oxides (NOx)

# **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in GB CLP Regulation

#### Acute toxicity

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



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CAS No	Chemical name									
	Exposure route	Dose		Species	Source	Method				
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified									
	oral	LD50 mg/kg	> 5000	Rat	Study report (1982)	OECD Guideline 401				
	dermal	LD50 mg/kg	> 5000	Rabbit	Study report (1982)	OECD Guideline 402				
	inhalation (4 h) dust/mist	LC50	5,53 mg/l	Rat		OECD Guideline 403				
72623-86-0	Lubricating oils (petroleu	m), C15-30,	hydrotreated	neutral oil-based;	Baseoil - unspecified					
	oral	LD50 mg/kg	> 5000	Rat	Study report (1982)	OECD Guideline 401				
	dermal	LD50 mg/kg	> 5000	Rabbit	Study report (1982)	OECD Guideline 402				
36878-20-3	Bls(nonylphenyl)amine									
	oral	LD50 mg/kg	> 5000	Rat	Study report (1981)	OECD Guideline 401				
125643-61-0	reaction mass of isomers	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate								
	oral	LD50 mg/kg	> 2000	Rat	Study report (2005)	OECD Guideline 423				
	dermal	LD50 mg/kg	> 2000	Rat	Study report (2000)	OECD Guideline 402				
	Reaction product of alkylthioalcohol and substituted phosphorus compound									
	oral	LD50 mg/kg	> 2000	Rat	Study report (1996)	OECD Guideline 401				
	dermal	LD50 mg/kg	> 500	Rabbit	Study report (1996)	OECD Guideline 402				
91-20-3	naphthalene									
	oral	LD50 mg/kg	710	Mouse	FUND. APPL. TOXICOL 4: 406-419 (1984) (1	OECD Guideline 401				
	dermal	LD50 mg/kg	> 16000	Rat	Study report (1980)	OECD Guideline 402				
	inhalation (4 h) vapour	LC50 mg/l	> 77,7	Rat	Study report (1985)	other: EPA TSCA				

## Irritation and corrosivity

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

#### Sensitising effects

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

## Carcinogenic/mutagenic/toxic effects for reproduction

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

The product contains less than 3% DMSO extract (method IP346). A classification as a carcinogen with R45 is deleted. (Note L)

## 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**

May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

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# **Endocrine disrupting properties**

No information available.

# **SECTION 12: Ecological information**

## 12.1. Toxicity

Harmful to aquatic life with long lasting effects.



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CAS No	Chemical name										
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method				
64742-54-7	Distillates (petroleum), hy	drotreated he	avy paraffir	nic; Base	oil - unspecified						
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas	Study report (1995)	OECD Guideline 203				
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a				
2623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified										
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas	Study report (1995)	OECD Guideline 203				
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a				
6878-20-3	Bls(nonylphenyl)amine										
	Acute fish toxicity	LC50 mg/l	>100	96 h	Danio rerio (zebrafish)	ECHA Dossier					
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Pseudokirchneriella subcapitata	Study report (2019)	OECD Guideline 201				
	Acute crustacea toxicity	EC50 mg/l	> 100	48 h	Daphnia magna	Study report (2004)	OECD Guideline 202				
25643-61-0	reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate										
	Acute fish toxicity	LC50 mg/l	> 0,001	96 h	Oncorhynchus mykiss	Study report (2009)	OECD Guideline 203				
	Acute algae toxicity	ErC50	> 0 mg/l	72 h	Desmodesmus subspicatus	Study report (2009)	OECD Guideline 201				
	Acute crustacea toxicity	EL50	110 mg/l	48 h	Daphnia magna	Study report (2000)	OECD Guideline 202				
	Fish toxicity	NOEC mg/l	0,36	33 d	Pimephales promelas	Study report (2009)	OECD Guideline 210				
	Crustacea toxicity	NOEC	3,2 mg/l	21 d	Daphnia magna	Study report (2010)	OECD Guideline 211				
	Acute bacteria toxicity	(EC50 mg/l)	> 1000	3 h	activated sludge of a predominantly domestic sewag	Study report (2000)	OECD Guideline 209				
	Reaction product of alkylt	hioalcohol an	d substitute	d phospl	norus compound						
	Acute fish toxicity	LC50	1,5 mg/l	96 h							
	Acute algae toxicity	ErC50 mg/l	0,31	72 h	Pseudokirchneriella subcapitata	Study report (1996)	EU Method C.3				
	Acute crustacea toxicity	EL50 mg/l	0,09	48 h	Daphnia magna	Study report (1996)	EU Method C.2				
	Crustacea toxicity	NOEC mg/l	0,14	21 d	Daphnia magna	Study report (2001)	OECD Guideline 211				
	Acute bacteria toxicity	(EC50 mg/l)	> 50	3 h	Activated sludge	Study report (1996)	OECD Guideline 209				
91-20-3	naphthalene					_	_				
	Acute fish toxicity	LC50	1,6 mg/l	96 h	Oncorhynchus mykiss	Arch. Environm. Contam. Toxicol. 11, 487	OECD Guideline 203				
	Acute algae toxicity	ErC50 ca. 0,5 mg/	ca. 0,4 -	72 h	Skeletonema costatum	Mar Environ Res 11, 183-200 (1984)	Aquatic toxicity of water soluble fracti				



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Acute crustacea toxicity	EC50 mg/l	2,16	48 h	, ,		OECD Guideline 202
Fish toxicity	NOEC mg/l	0,37	40 d	- ,	Soc. 110:430-436,	Coho salmon fry were exposed for 40 days
Crustacea toxicity	NOEC mg/l	0,59	125 d	' '	Aquat. Sci. 39:	During chronic studies in closed static

#### 12.2. Persistence and degradability

The product has not been tested.

## 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
36878-20-3	Bls(nonylphenyl)amine	7,6
91-20-3	naphthalene	3,4

#### **BCF**

CAS No	Chemical name	BCF	Species	Source
36878-20-3	Bls(nonylphenyl)amine	1584,89	Cyprinus carpio	Study report (2000)
	reaction mass of isomers of: C7-9-alkyl 3- (3,5-di-tert-butyl-4-hydroxyphenyl)propi onate	38	Cyprinus carpio	Study report (2002)

## 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

#### 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.

No information available.

## 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**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## **SECTION 14: Transport information**

#### Land transport (ADR/RID)

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14.1. UN 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: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: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: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 28

2010/75/EU (VOC): 0 % (0,001 g/l) 2004/42/EC (VOC): 0 % (0,001 g/l)

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

(SEVESO III):

**National regulatory information** 

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

#### 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): 2,3,4,5,6,7,8,9,10,11,12,13,15,16.



according to UK REACH Regulation

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#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

**UN: United Nations** 

DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules MFAG: Medical First Aid Guide

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container VOC: Volatile Organic Compounds SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

<u> </u>					
Classification	Classification procedure				
Asp. Tox. 1; H304	Calculation method				
Aquatic Chronic 3; H412	Calculation method				

# Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

H413

May cause long lasting harmful effects to aquatic life.



according to UK REACH Regulation

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#### **Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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