

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 17-May-2017

Print date: 23-May-2017

Version: 1

Page 1/10



## Mabanol Xenon Alpha Synth 5W-40

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

#### 1.1. Product identifier

Trade name/designation:

Mabanol Xenon Alpha Synth 5W-40

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

Use of the substance/mixture:

motor oil

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Mabanol GmbH & Co. KG

Koreastraße 7

20457 Hamburg

Germany

Telephone: 0049 (0) 40 36809988

E-mail: info@mabanol.com

Website: www.mabanol.com

#### 1.4. Emergency telephone number

Giftinformationszentrale Göttingen , 24h: 0049 (0) 551 1 92 40

### SECTION 2: Hazards identification

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

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

#### Supplemental Hazard information (EU)

EUH208	Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

#### 2.3. Other hazards

No data available

### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 64742-54-7 EC No.: 265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic	40 - < 45 Wt %
	Polyolefin polyamine succinimide, polyol	1 - < 5 Wt %
CAS No.: 68784-26-9 EC No.: 272-234-3	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, over based Aquatic Chronic 4 H413	1 - < 5 Wt %

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 17-May-2017

Print date: 23-May-2017

Version: 1

Page 2/10



## Mabanol Xenon Alpha Synth 5W-40

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CL P]	Concentration
CAS No.: 68784-31-6 EC No.: 272-238-5	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts Eye Dam. 1, Aquatic Chronic 2 H318-H411	1 - < 5 Wt %

Full text of H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

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

##### Following inhalation:

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

##### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, consult a physician.

##### After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical advice/attention.

##### After ingestion:

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

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

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

#### 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:

Sand. Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

##### Unsuitable extinguishing media:

High power water jet.

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

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Sulphur dioxide (SO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Phosphorus oxides. carbon black.

##### Hazardous combustion products:

In case of fire: Gases/vapours, toxic.

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 17-May-2017

**Print date:** 23-May-2017

**Version:** 1

Page 3/10



## Mabanol Xenon Alpha Synth 5W-40

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Remove persons to safety. Ventilate affected area. Special danger of slipping by leaking/spilling product.

**Protective equipment:**

Personal protection equipment: see section 8

##### 6.1.2. For emergency responders

**Personal protection equipment:**

Personal protection equipment: see section 8

#### 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 (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

#### 6.5. Additional information

No data available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Wear personal protection equipment (refer to section 8).

**Fire prevent measures:**

Usual measures for fire prevention. Fire class B.

**Measures to prevent aerosol and dust generation:**

Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes and skin.

**Advices on general occupational hygiene**

When using do not eat, drink or smoke. Avoid contact with eyes and skin. Apply skin care products after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Used working clothes should not be worn outside the work area. Wash contaminated clothing before reuse.

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

**Technical measures and storage conditions:**

Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product.

**Hints on storage assembly:**

Do not store together with: Gases. Explosives. P8 Oxidising liquids and solids. Radioactive substances. Infectious substances.

**Storage class:** 10 - Combustible liquids that cannot be assigned to any of the above storage classes

**Further information on storage conditions:**

Temperature control required. Protect against: Light. Air.

Keep container tightly closed.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 17-May-2017

Print date: 23-May-2017

Version: 1

Page 4/10



## Mabanol Xenon Alpha Synth 5W-40

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

No data available

#### 8.1.2. Biological limit values

No data available

#### 8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	496.4 mg/m <sup>3</sup>	① DNEL worker ② DNEL acute inhalative (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	198.6 mg/m <sup>3</sup>	① DNEL Consumer ② DNEL acute inhalative (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	2.93 mg/m <sup>3</sup>	① DNEL worker ② DNEL long-term inhalative (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	11.75 mg/m <sup>3</sup>	① DNEL Consumer ② DNEL long-term inhalative (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	100 mg/kg bw/day	① DNEL worker ② DNEL acute dermal, short-term (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	50 mg/kg bw/day	① DNEL Consumer ② DNEL acute dermal, short-term (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	10.42 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	2.1 mg/kg bw/day	① DNEL Consumer ② DNEL long-term dermal (systemic)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	0.21 mg/kg bw/day	① DNEL Consumer ② DNEL long-term oral (repeated)

Substance name	PNEC Value	① PNEC type
Distillates (petroleum), hydrotreated heavy paraffinic CAS No.: 64742-54-7	9.33 mg/kg	① PNEC Secondary Poisoning
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased CAS No.: 68784-26-9	0.5 mg/l	① PNEC aquatic, freshwater
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased CAS No.: 68784-26-9	0.04 mg/l	① PNEC aquatic, marine water
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased CAS No.: 68784-26-9	43,500 mg/kg	① PNEC sediment, freshwater
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased CAS No.: 68784-26-9	3,480 mg/kg	① PNEC sediment, marine water

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 17-May-2017

Print date: 23-May-2017

Version: 1

Page 5/10



## Mabanol Xenon Alpha Synth 5W-40

Substance name	PNEC Value	① PNEC type
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased CAS No.: 68784-26-9	13,333 mg/kg	① PNEC Secondary Poisoning
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	0.04 mg/l	① PNEC aquatic, freshwater
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	0.0046 mg/l	① PNEC aquatic, marine water
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	0.07 mg/kg	① PNEC sediment, freshwater
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	0.007 mg/kg	① PNEC sediment, marine water
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts CAS No.: 68784-31-6	8.33 mg/kg	① PNEC Secondary Poisoning

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment



##### Eye/face protection:

Eye glasses with side protection DIN EN 166

##### Skin protection:

Tested protective gloves must be worn DIN EN 374/DIN EN 388. Suitable material: NBR (Nitrile rubber). Neoprene.

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.

Wear fire/flame resistant/retardant clothing.

##### Respiratory protection:

Usually no personal respiratory protection necessary.

Respiratory protection necessary at: aerosol or mist formation. exceeding exposure limit values. Suitable respiratory protection apparatus: (aerosol or mist formation) Filtering device (full mask or mouthpiece) with filter: A2, A2/P2, ABEK.

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.

#### 8.2.3. Environmental exposure controls

No data available

### 8.3. Additional information

No data available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state: liquid

Colour: clear

Odour: not determined

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 17-May-2017

Print date: 23-May-2017

Version: 1

Page 6/10



## Mabanol Xenon Alpha Synth 5W-40

### Safety relevant basis data

parameter		at °C	Method	Remark
pH	not determined			
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	not determined			
Decomposition temperature (°C):	not determined			
Flash point	236 °C			
Evaporation rate	not determined			
Ignition temperature in °C	not determined			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Relative density	0.8543 g/cm <sup>3</sup>	15 °C	DIN 51757	
Bulk density	not determined			
Water solubility (g/L)	not determined			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	86.92 mm <sup>2</sup> /s	40 °C	DIN EN ISO 3104	

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

Oxidising agent, strong

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rat)
68784-26-9	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) <b>LD<sub>50</sub> dermal:</b> >4,000 mg/kg (Rabbit)
68784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	<b>LD<sub>50</sub> oral:</b> >2,000 mg/kg (Rat) <b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (Rabbit)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 17-May-2017

**Print date:** 23-May-2017

**Version:** 1

Page 7/10



## Mabanol Xenon Alpha Synth 5W-40

### Acute oral toxicity:

The classification criteria for this hazard class are not met by definition.

### Acute dermal toxicity:

The classification criteria for this hazard class are not met by definition.

### Acute inhalation toxicity:

The classification criteria for this hazard class are not met by definition.

### Skin corrosion/irritation:

The classification criteria for this hazard class are not met by definition.  
Frequently or prolonged contact with skin may cause dermal irritation.

### Eye damage/irritation:

The classification criteria for this hazard class are not met by definition.

### Respiratory or skin sensitisation:

The classification criteria for this hazard class are not met by definition.  
May cause sensitisation especially in sensitive humans.

### Germ cell mutagenicity:

The classification criteria for this hazard class are not met by definition.

### Carcinogenicity:

The classification criteria for this hazard class are not met by definition.

### Reproductive toxicity:

The classification criteria for this hazard class are not met by definition.

### STOT-single exposure:

The classification criteria for this hazard class are not met by definition.

### STOT-repeated exposure:

The classification criteria for this hazard class are not met by definition.

### Aspiration hazard:

The classification criteria for this hazard class are not met by definition.

## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No.	Substance name	Toxicological information
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	<b>NOEC:</b> >10 mg/l 21 d (Daphnia magna (Big water flea))
68784-26-9	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	<b>LC<sub>50</sub>:</b> >1,000 mg/l 4 d (Pimephales promelas (fathead minnow)) <b>ErC<sub>50</sub>:</b> >500 mg/l 4 d (Pseudokirchneriella subcapitata) <b>EC<sub>50</sub>:</b> >1,000 mg/l 2 d (Daphnia magna (Big water flea))
68784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	<b>LC<sub>50</sub>:</b> 4.4 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) <b>ErC<sub>50</sub>:</b> 410 mg/l 3 d (Desmodesmus subspicatus) <b>EC<sub>50</sub>:</b> 75 mg/l 2 d (Daphnia magna (Big water flea)) <b>NOEC:</b> 0.4 mg/l 21 d (Daphnia magna (Big water flea))

### 12.2. Persistence and degradability

#### Additional information:

Poorly watersoluble, inorganic product. Can be mechanically precipitated to a large extent in biological sewage plants.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 17-May-2017

Print date: 23-May-2017

Version: 1

Page 8/10



## Mabanol Xenon Alpha Synth 5W-40

### 12.3. Bioaccumulative potential

CAS No.	Substance name	Log K <sub>OC</sub>	Bioconcentration factor (BCF)
68784-26-9	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	9.5	

#### Bioconcentration factor (BCF):

CAS: 68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased - LogPow: 9,5

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	—
	Polyolefin polyamine succinimide, polyol	—
68784-26-9	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased	—
68784-31-6	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	—

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

### 12.6. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

#### Waste code packaging:

15 01 10	packaging containing residues of or contaminated by dangerous substances
----------	--------------------------------------------------------------------------

#### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

##### Appropriate disposal / Package:

Handle contaminated packages in the same way as the substance itself.

### 13.2. Additional information

No data available

## SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

### 14.1. UN-No.

not relevant

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 17-May-2017

**Print date:** 23-May-2017

**Version:** 1

Page 9/10



## Mabanol Xenon Alpha Synth 5W-40

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

not relevant

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Other regulations (EU):

Use restriction according to REACH annex XVII, no.: Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic

Is not subject to the Seveso III Directive

Observe in addition any national regulations!

#### 15.1.2. National regulations

##### [DE] National regulations

##### Störfallverordnung

##### Remark:

Not subject to StörfallVO.

##### Water hazard class (WGK)

##### WGK:

2 - deutlich wassergefährdend

### 15.2. Chemical Safety Assessment

not applicable.

### 15.3. Additional information

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 17-May-2017

**Print date:** 23-May-2017

**Version:** 1

Page 10/10



## Mabanol Xenon Alpha Synth 5W-40

### 16.2. Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (International Carriage of Dangerous Goods by Road)

CAS Chemical Abstracts Service

DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect level

NTP: National Toxicology Program

N/A: not applicable

OSHA: Concerning the International Transport of Dangerous Goods by Rail)

PNEC: predicted no effect concentration

PBT: Persistent bioaccumulative toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

SARA: Superfund Amendments and Reauthorization Act

SVHC: substance of very high concern

TRGS Technische Regeln für Gefahrstoffe

TSCA: Toxic Substances Control Act

VOC: Volatile Organic Compounds

VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe

WGK: Wassergefährdungsklasse

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available