



Safety Data Sheet

according to UK REACH Regulation

184 Partikelfilter System-Wirkstoff

Revision date: 09.03.2021

Product code: 1103427

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

1.1. Product identifier

184 Partikelfilter System-Wirkstoff

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

Use of the substance/mixture

No information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name: TUNAP GmbH & Co. KG
Street: Bürgermeister-Seidl-Str. 2
Place: D-82515 Wolfratshausen
Telephone: + 49 (0) 8171/1600 - 0
e-mail: sdb@tunap.com
Internet: www.tunap.com

Telefax: + 49 (0) 8171/1600 - 40

Supplier

Company name: TUNAP (UK) Limited
Street: Unit 12 Tonbridge Trade Park, Ingot Way
Place: GB Tonbridge, Kent. TN9 1GN
Telephone: +44 (0)1732 365163
e-mail: sdb@tunap.com
Internet: www.tunap.co.uk

1.4. Emergency telephone number:

111 NHS (National Health Service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Asp. Tox. 1; H304
Eye Irrit. 2; H319
Repr. 1B; H360FD
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Kohlenwasserstoffe, C11-C13, Isoalkane, <2% Aromaten
1,1'-bis(ferrocenyl) octane

Signal word: Danger

Pictograms:



Hazard statements

H304 May be fatal if swallowed and enters airways.

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| | |
|--------|--|
| H319 | Causes serious eye irritation. |
| H360FD | May damage fertility. May damage the unborn child. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements

| | |
|----------------|--|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P331 | Do NOT induce vomiting. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P391 | Collect spillage. |
| P405 | Store locked up. |

Special labelling of certain mixtures

| | |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

| CAS No | Chemical name | Quantity | | |
|------------|--|----------|------------------|--------------|
| | EC No | Index No | REACH No | |
| | Classification (GB CLP Regulation) | | | |
| 64742-48-9 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | | | 50 - < 100 % |
| | 918-481-9 | | 01-2119457273-39 | |
| | Asp. Tox. 1; H304 EUH066 | | | |
| 27247-96-7 | 2-Ethylhexyl nitrate | | | 10 - < 20 % |
| | 248-363-6 | | 01-2119539586-27 | |
| | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Aquatic Chronic 2; H332 H312 H302 H411 EUH044 EUH066 | | | |
| 90622-58-5 | Kohlenwasserstoffe, C11-C13, Isoalkane, <2% Aromaten | | | 5 - < 10 % |
| | 920-901-0 | | 01-2119456810-40 | |
| | Asp. Tox. 1; H304 EUH066 | | | |
| | 1,1'-bis(ferrocenyl) octane | | | 1 - < 3 % |
| | 479-710-1 | | 01-0000020037-79 | |
| | Repr. 1B, STOT RE 2, Aquatic Chronic 4; H360FD H373 H413 | | | |
| 128-37-0 | 2,6-di-tert-butyl-p-cresol | | | 1 - < 3 % |
| | 204-881-4 | | 01-2119555270-46 | |
| | Aquatic Chronic 1; H410 | | | |

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 | |
| 64742-48-9 | 918-481-9 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | 50 - < 100 % |
| | | inhalation: LC50 = 4951 mg/l (vapours); dermal: LD50 = >3160 mg/kg; oral: LD50 = >8000 mg/kg | |
| 27247-96-7 | 248-363-6 | 2-Ethylhexyl nitrate | 10 - < 20 % |
| | | inhalation: LC50 = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = >4820 mg/kg; oral: LD50 = >9640 mg/kg | |
| 90622-58-5 | 920-901-0 | Kohlenwasserstoffe, C11-C13, Isoalkane, <2% Aromaten | 5 - < 10 % |
| | | inhalation: LC50 = >5000 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg | |
| | 479-710-1 | 1,1'-bis(ferrocenyl) octane | 1 - < 3 % |
| | | dermal: LD50 = >2000 mg/kg; oral: LD50 = 1320 mg/kg | |

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

After inhalation

Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

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

Headache, nausea, dizziness, fatigue, skin irritation

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

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO₂). Extinguishing powder.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if



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it can be done safely. In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Wear personal protection equipment.

For non-emergency personnel

First aider: Pay attention to self-protection!

For emergency responders

Fight fire with normal precautions from a reasonable distance.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.

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).

For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). 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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe instructions for use.

Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

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

Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Avoid exposure. Wear suitable protective clothing. Draw up and observe skin protection programme.

Further information on handling

Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Observe legal regulations and provisions.

Hints on joint storage

Do not store together with: Oxidizing agents. Pyrophoric or self-heating substances. Food and feedingstuffs.

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Further information on storage conditions

Store in a cool dry place. Observe legal regulations and provisions.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|----------|----------------------------|-----|-------------------|-----------|-----------|--------|
| 128-37-0 | 2,6-Di-tert-butyl-p-cresol | - | 10 | | TWA (8 h) | WEL |

DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|----------------------|----------------|----------|------------------------|
| 27247-96-7 | 2-Ethylhexyl nitrate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 0,35 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 1 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 0,52 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 0,025 mg/kg bw/day |

PNEC values

| CAS No | Substance | Value |
|--|----------------------|----------------|
| 27247-96-7 | 2-Ethylhexyl nitrate | |
| Freshwater | | 0,0008 mg/l |
| Marine water | | 0,00008 mg/l |
| Freshwater sediment | | 0,00074 mg/kg |
| Marine sediment | | 0,00074 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 10 mg/l |
| Soil | | 0,000191 mg/kg |

Additional advice on limit values

- a no restriction
- b End of exposure or end of shift
- c at long-term exposure:
- d before next shift

blood (B)
Urine (U)

8.2. Exposure controls**Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Suitable eye protection: Tightly sealed safety glasses.



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Hand protection

Protect skin by using skin protective cream. 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.

Suitable material: NBR (Nitrile rubber) Breakthrough time: 480min

Thickness of the glove material 0,45 mm

EN ISO 374

Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

When exceeding the relevant workplace exposure limits, note the following:

Suitable respiratory protective equipment: Combination filter device (DIN EN 141)..

Filtering device with filter or ventilator filtering device of type:

Observe the wear time limits as specified by the manufacturer.

Observe legal regulations and provisions.

Environmental exposure controls

Observe legal regulations and provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:

Colour:

Flash point:

pH-Value (at 20 °C):

Viscosity / kinematic:

(at 40 °C)

Density (at 20 °C):

Viscosity / dynamic:

Flow time:

(at 20 °C)

Test method

ISO 3679

DIN 19268

DIN EN ISO 3104

DIN 51757

DIN 53019-1

DIN EN ISO 2431

SECTION 10: Stability and reactivity

10.2. Chemical stability

The product is stable under normal conditions.

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/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharges.

10.5. Incompatible materials

Oxidizing agents. Pyrophoric or self-heating substances.

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO₂, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

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Further information

Do not mix with other chemicals.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Toxicocinetics, metabolism and distribution**

There are no data available on the mixture itself.

Acute toxicity

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

| CAS No | Chemical name | | | | |
|------------|--|------------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 64742-48-9 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | | | | |
| | oral | LD50 >8000 mg/kg | Rat | | |
| | dermal | LD50 >3160 mg/kg | Rabbit | | |
| | inhalation (4 h) vapour | LC50 4951 mg/l | Rat | | |
| 27247-96-7 | 2-Ethylhexyl nitrate | | | | |
| | oral | LD50 >9640 mg/kg | Rat | | |
| | dermal | LD50 >4820 mg/kg | Rabbit | | |
| | inhalation (4 h) vapour | LC50 11 mg/l | Rat | | |
| | inhalation dust/mist | ATE 1,5 mg/l | | | |
| 90622-58-5 | Kohlenwasserstoffe, C11-C13, Isoalkane, <2% Aromaten | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |
| | dermal | LD50 >5000 mg/kg | Rabbit | | |
| | inhalation (4 h) vapour | LC50 >5000 mg/l | Rat | | |
| | 1,1'-bis(ferrocenyl) octane | | | | |
| | oral | LD50 1320 mg/kg | | | |
| | dermal | LD50 >2000 mg/kg | | | |

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: 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

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May damage fertility. May damage the unborn child. (1,1'-bis(ferrocenyl) octane)
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
No indications of human carcinogenicity exist.
No indications of human germ cell mutagenicity exist.
No indications of human reproductive toxicity exist.

STOT-single exposure

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

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

May be fatal if swallowed and enters airways.

Specific effects in experiment on an animal

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

There are no data available on the mixture itself.

| CAS No | Chemical name | | | | | |
|------------|--|--------------------|-----------|---|---------------------|--------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64742-48-9 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | | | | | |
| | Acute fish toxicity | LC50 >1000 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 >1000 mg/l | 96 h | Scenedesmus subspicatus | | |
| | Acute crustacea toxicity | EC50 >1000 mg/l | 48 h | Daphnia magna | | |
| 27247-96-7 | 2-Ethylhexyl nitrate | | | | | |
| | Acute fish toxicity | LC50 2 mg/l | 96 h | Danio rerio | Study report (2010) | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 > 12,6 mg/l | 72 h | Pseudokirchneriella subcapitata | Study report (1998) | OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 > 12,6 mg/l | 48 h | Daphnia magna | Study report (1998) | OECD Guideline 202 |
| | Acute bacteria toxicity | (EC50 > 1000 mg/l) | 3 h | activated sludge of a predominantly domestic sewage | Study report (2010) | OECD Guideline 209 |
| | 1,1'-bis(ferrocenyl) octane | | | | | |
| | Acute fish toxicity | LC50 >100 mg/l | 96 h | Pimephales promelas (fathead minnow) | | |
| | Acute algae toxicity | ErC50 >100 mg/l | 96 h | Scenedesmus subspicatus | | |
| | Acute crustacea toxicity | EC50 >100 mg/l | 48 h | Daphnia magna (Big water flea) | | |

12.2. Persistence and degradability

There are no data available on the mixture itself. AOX (mg/l): 0

12.3. Bioaccumulative potential



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There are no data available on the mixture itself.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|----------------------|---------|
| 27247-96-7 | 2-Ethylhexyl nitrate | 5,24 |

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

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

This substance does not meet the criteria for classification as PBT or vPvB.

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 uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|---|
| 14.1. UN number or ID number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9 |
| Classification code: | M6 |
| Special Provisions: | 274 335 375 601 |
| Limited quantity: | 5 L |
| Excepted quantity: | E1 |
| Transport category: | 3 |
| Hazard No: | 90 |
| Tunnel restriction code: | - |

Inland waterways transport (ADN)

| | |
|--|---|
| 14.1. UN number or ID number: | UN 3082 |
| 14.2. UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol) |
| 14.3. Transport hazard class(es): | 9 |
| 14.4. Packing group: | III |
| Hazard label: | 9 |
| Classification code: | M6 |
| Special Provisions: | 274 335 375 601 |

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Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number or ID number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9
Marine pollutant: yes
Special Provisions: 274, 335, 969
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-A, S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9
Special Provisions: A97 A158 A197
Limited quantity Passenger: 30 kg G
Passenger LQ: Y964
Excepted quantity: E1
IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964
IATA-max. quantity - Cargo: 450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes
Danger releasing substance: (Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol)

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, Entry 75

2010/75/EU (VOC): No information available.

2004/42/EC (VOC): No information available.

Additional information

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

National regulatory information

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

SECTION 16: Other information**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement)

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concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
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 (division of the American Chemical Society)
DNEL/DMEL: Derived No Effect Level / Derived Minimal Effect Level
WEL: Workplace Exposure Limits
TWA (EC): Time-Weighted Average
ATE: Acute Toxicity Estimate
ATEL (EC): Short Term Exposure Limit
LC50: Lethal Concentration
EC50: half maximal Effective Concentration
ErC50: means EC50 in terms of reduction of growth rate

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

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Asp. Tox. 1; H304 | Calculation method |
| Eye Irrit. 2; H319 | Calculation method |
| Repr. 1B; H360FD | Calculation method |
| Aquatic Chronic 2; H411 | 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. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H360FD | May damage fertility. May damage the unborn child. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |
| EUH044 | Risk of explosion if heated under confinement. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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