

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

### 1.1. Product identifier

Product form : Mixture  
Product name : PROMAPAIN-T-FD  
Product group : Trade product

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Fire protection

#### 1.2.2. Uses advised against

No additional information available.

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

#### Other

Etex Building Performance GmbH  
St.-Peter-Straße 25  
AT- 4021 Linz  
AUSTRIA  
T +43 732 6912 0  
[info.at@etexgroup.com](mailto:info.at@etexgroup.com) - [www.promat.at](http://www.promat.at)

#### Other

Promat International (Asia Pacific) Ltd.  
Room 1010, C.C Wu Building, 302-308 Hennessy Road  
Wanchai  
T +852 2836 3692 - F +852 2834 4313  
[promat.hk@etexgroup.com](mailto:promat.hk@etexgroup.com)

### 1.4. Emergency telephone number

Emergency number : Please contact a regional poison center or emergency telephone number.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Carcinogenicity, Category 2 H351  
Reproductive toxicity, Category 2 H361f  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
Full text of H- and EUH-statements: see section 16

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

Suspected of damaging fertility. (oral).

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) : Warning  
Contains : 1,3,5-triazine-2,4,6-triamine; melamine  
Hazard statements (CLP) : H351 - Suspected of causing cancer.  
H361f - Suspected of damaging fertility.  
H373 - May cause damage to organs (urinary tract) through prolonged or repeated exposure.

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Precautionary statements (CLP)	: P201 - Obtain special instructions before use. P280 - Wear protective clothing, protective gloves, eye protection, face protection. P308+P313 - IF exposed or concerned: Get medical advice/attention. P314 - Get medical advice/attention if you feel unwell.
EUH-statements	: EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. EUH208 - Contains 3-Iod-2-propinylbutylcarbamate(55406-53-6). May produce an allergic reaction.
Extra phrases	: Contains a 3:1 mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one as active substance for storage protection according to Biocidal Products Regulation (EU) No 528/2012 Art. 58(3).

### 2.3. Other hazards

Other hazards which do not result in classification : No special dangers are known, if the storage and handling regulations are observed.

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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

Component	
1,3,5-triazine-2,4,6-triamine; melamine(108-78-1)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not established.

### 3.2. Mixtures

Comments : Mixture of the substances listed below with harmless additives

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,3,5-triazine-2,4,6-triamine; melamine substance listed as REACH Candidate	CAS-No.: 108-78-1 EC-No.: 203-615-4 EC Index-No.: 613-345-00-2	$\geq 10 - < 25$	Carc. 2, H351 Repr. 2, H361f STOT RE 2, H373
3-Iod-2-propinylbutylcarbamate	CAS-No.: 55406-53-6 EC-No.: 259-627-5 EC Index-No.: 616-212-00-7	$\geq 0,1 - < 1$	Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Oral), H302 STOT RE 1, H372 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

Comments : The contained titanium dioxide is not classified according to Regulation 2020/217 (14th ATP of Regulation (EC) 1272/2008, Annex VI). EUH 211 is listed in section 2.2 on a voluntary basis.

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Not required for normal conditions of use.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash off immediately with soap and plenty of water removing at the same time all contaminated clothes. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth thoroughly, drink plenty of water. If symptoms persist, consult a doctor.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use. In normal conditions of use, the components cannot be released because of the form in which the article or preparation is placed on the market.
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#### 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	: All extinguishing media can be used. Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.
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#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: This is a water-based product and presents no particular fire or explosion hazard.
Hazardous decomposition products in case of fire	: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. Nitrogen oxides (NOx). Hydrogen cyanide (HCN). Ammonia (NH3).

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: The product is water based and is not combustible. Do not allow into drains or water courses.

### SECTION 6: Accidental release measures

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

General measures	: Avoid contact with skin and eyes.
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##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Do not allow entry to drains, sewers, water courses or soil.

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

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Dispose in a safe manner in accordance with local/national regulations. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8. For disposal of solid materials or residues refer to section 13 : "Disposal considerations". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Spray application of a coating system typically requires respiratory protection to prevent from inhalation of paint aerosols as well as from volatile and non-volatile (e.g. pigments, fillers) paint components, independent from the nature of the coatings system. Spray application requires improved respiratory protection by using at least a combination filter A/P2 or A/P3 or a supplied air system, depending on the extend of spray operation duration of spraying, extend of aerosol formation, etc.
- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid all unnecessary exposure. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

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

- Technical measures : Does not require any specific or particular technical measures.
- Storage conditions : Keep away from heat and direct sunlight. Protect against frost. Store locked up. Store in a well-ventilated place.
- Storage temperature :  $\geq 5^{\circ}\text{C}$

### 7.3. Specific end use(s)

Fire protection. For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region. For professional users only.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

No additional information available.

#### 8.1.2. Recommended monitoring procedures

No additional information available.

#### 8.1.3. Air contaminants formed

No additional information available.

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### 8.1.4. DNEL and PNEC

1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, dermal	117 mg/kg bodyweight/day
Acute - systemic effects, inhalation	82.3 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	11.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	8.3 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	0.42 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.5 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	4.2 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.51 mg/l
PNEC aqua (marine water)	0.051 mg/l
PNEC aqua (intermittent, freshwater)	2 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	2.524 mg/kg dwt
PNEC sediment (marine water)	0.252 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.206 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	22 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	200 mg/l

Additional information : Ensure all national/local regulations are observed.

### 8.1.5. Control banding

No additional information available.

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Technical measures and the use of appropriate work procedures take precedence over the use of personal protective equipment.

### 8.2.2. Personal protection equipment

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



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Wear safety glasses according to EN 166

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Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses with side shields	Droplet		EN 166
Safety glasses with side shields	Dust		EN 166

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

Skin and body protection	
Type	Standard
Wear long-sleeved protective clothing	

#### Hand protection:

In case of repeated or prolonged contact wear gloves. Please observe the glove supplier's specifications regarding permeability and breakthrough time. Also consider the specific local conditions in which the product will be used, such as cut hazard, abrasion and contact time.

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
protective gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	≥ 0,11		EN ISO 374
protective gloves	Chloroprene rubber (CR), Polyvinylchloride (PVC)	6 (> 480 minutes)	0,5		EN ISO 374
protective gloves	Fluoroelastomer (FKM)	6 (> 480 minutes)	0,4		EN ISO 374

#### Other skin protection

##### Materials for protective clothing:

Not required for normal conditions of use

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

No special protection required where adequate ventilation is maintained. In case of insufficient ventilation, wear suitable respiratory equipment. Provide by spray application improved respiratory protection by using at least a combination filter A/P2 or A/P3 or a supplied air system, depending on the extend of spray operation, duration of spraying, extend of aerosol formation, etc. [In case of inadequate ventilation] wear respiratory protection.

### 8.2.2.4. Thermal hazards

No additional information available.

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment. Do not allow to enter drains or water courses.

#### Other information:

Training staff on good practice. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: white.
Appearance	: Viscous liquid. Paint.

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Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not determined
Freezing point	: Not available
Boiling point	: ≈ 100 °C
Flammability	: Not applicable
Explosive properties	: Not explosive.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not applicable
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: Not available
pH	: 7 – 9
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 20 – 35 Pa·s
Solubility	: Water: completely miscible
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 23 hPa (20°C)
Vapour pressure at 50°C	: Not available
Density	: 1.3 – 1.5 g/cm <sup>3</sup>
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available.

#### 9.2.2. Other safety characteristics

Miscibility	: 68 – 74 %
VOC content	: < 80 g/l (Dir 2004/42/CE Annex II, A - max. VOC - Phase II, i, WB: 140 g/l)
Percent Solids	: Not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

No additional information available.

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

Tris(2-butoxyethyl) phosphate (78-51-3)	
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit
LC50 Inhalation - Rat	> 6.4 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Polyphosphoric acids, ammonium salts (68333-79-9)	
LD50 oral rat	300 – 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure)

DIPROPYLENE GLYCOL (25265-71-8)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 81-1 (Acute Oral Toxicity)
LD50 dermal rabbit	> 5010 mg/kg bodyweight Animal: rabbit, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity)

titanium dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 6.8 mg/l/4h

3-Iod-2-propinylbutylcarbamate (55406-53-6)	
ATE CLP (oral)	500 mg/kg bodyweight
ATE CLP (gases)	700 ppmv/4h
ATE CLP (vapours)	3 mg/l/4h
ATE CLP (dust,mist)	0.5 mg/l/4h

1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	
LD50 oral rat	3161 mg/kg
LD50 dermal rabbit	> 1000 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	> 5190 mg/l/4h
ATE CLP (oral)	3161 mg/kg bodyweight

Pentaerythritol (115-77-5)	
LD50 oral rat	> 5110 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: other., Remarks on results: other:
LD50 dermal rabbit	> 10000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:

Skin corrosion/irritation : Not classified  
pH: 7 – 9  
Serious eye damage/irritation : Not classified  
pH: 7 – 9  
Respiratory or skin sensitisation : Not classified



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Additional information : Contains :  
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)  
3-Iod-2-propinylbutylcarbamate  
May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

### 1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)

IARC group	2B - Possibly carcinogenic to humans
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### 1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)

NOAEL (chronic, oral, animal/male, 2 years)	≈ 140 mg/kg bodyweight
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Additional information	In animal studies carcinomas were observed at high doses in the bladder of male rats, caused by the formation of bladder stones and their constant irritation.
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Reproductive toxicity : Suspected of damaging fertility.

Additional information : Due to the melamine content of the product, the classification criteria according to the CLP Regulation No 1272/2008 are fulfilled.  
Toxicological data for the product are not available.

### 1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)

Additional information	The substance may cause damage to the testes after repeated ingestion (oral) of high doses, as shown in animal studies. The potential to impair fertility cannot be excluded.
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STOT-single exposure : Not classified

STOT-repeated exposure : May cause damage to organs (urinary tract) through prolonged or repeated exposure.

### 3-Iod-2-propinylbutylcarbamate (55406-53-6)

STOT-repeated exposure	Causes damage to organs (larynx) through prolonged or repeated exposure.
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### 1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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Additional information	The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.
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### Pentaerythritol (115-77-5)

NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Remarks on results: other:
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Aspiration hazard : Not classified

### Pentaerythritol (115-77-5)

Viscosity, kinematic	Not applicable
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## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available.

### 11.2.2. Other information

Other information : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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Additional information	No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
Tris(2-butoxyethyl) phosphate (78-51-3)	
LC50 - Fish [1]	24 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	53 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	33 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	61 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
Polyphosphoric acids, ammonium salts (68333-79-9)	
EC50 72h - Algae [1]	> 97.1 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
DIPROPYLENE GLYCOL (25265-71-8)	
LC50 - Fish [1]	> 1000 mg/l Test organisms (species): Oryzias latipes
LC50 - Fish [2]	46500 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
titanium dioxide (13463-67-7)	
LC50 - Fish [1]	> 1000 mg/l
LC50 - Fish [2]	> 10000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l
EC50 - Other aquatic organisms [1]	> 10000 mg/l
EC50 72h - Algae [1]	> 100 mg/l
EC50 72h - Algae [2]	> 10000 mg/l
1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	
LC50 - Fish [1]	> 3000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	200 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	325 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	> 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

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1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	
NOEC (chronic)	≥ 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 5.1 mg/l Test organisms (species): Pimephales promelas Duration: '36 d'
Pentaerythritol (115-77-5)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Oryzias latipes
EC50 72h - Algae [1]	1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	1000 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

### 12.2. Persistence and degradability

1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	
Persistence and degradability	Not readily biodegradable.

### 12.3. Bioaccumulative potential

1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	
BCF - Fish [1]	3.8 mg/kg
Partition coefficient n-octanol/water (Log Pow)	-1.22
Bioaccumulative potential	Not expected to bioaccumulate.
Pentaerythritol (115-77-5)	
Partition coefficient n-octanol/water (Log Pow)	-1.7

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

Component	
1,3,5-triazine-2,4,6-triamine; melamine (108-78-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available.

### 12.7. Other adverse effects

Additional information : Do not allow entry to drains, sewers, water courses or soil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations. Do not allow entry to drains, sewers, water courses or soil. Must follow special treatment according to local regulation.
Product/Packaging disposal recommendations	: Dispose as hazardous waste. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
European List of Waste (LoW) code	: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

#### 14.1. UN number or ID number

UN-No. (ADR)	: Not established.
UN-No. (IMDG)	: Not established.
UN-No. (IATA)	: Not established.
UN-No. (ADN)	: Not established.
UN-No. (RID)	: Not established.

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not established.
Proper Shipping Name (IMDG)	: Not established.
Proper Shipping Name (IATA)	: Not established.
Proper Shipping Name (ADN)	: Not established.
Proper Shipping Name (RID)	: Not established.

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR)	: Not established.
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##### IMDG

Transport hazard class(es) (IMDG)	: Not established.
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##### IATA

Transport hazard class(es) (IATA)	: Not established.
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##### ADN

Transport hazard class(es) (ADN)	: Not established.
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##### RID

Transport hazard class(es) (RID)	: Not established.
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#### 14.4. Packing group

Packing group (ADR)	: Not established.
Packing group (IMDG)	: Not established.
Packing group (IATA)	: Not established.
Packing group (ADN)	: Not established.
Packing group (RID)	: Not established.

#### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

Not established.

##### Transport by sea

Not established.

##### Air transport

Not established.

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### Inland waterway transport

Not established.

### Rail transport

Not established.

### 14.7. Maritime transport in bulk according to IMO instruments

Not established.

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

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

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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

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

##### REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations  $\geq 0.1\%$  or SCL: 1,3,5-triazine-2,4,6-triamine; melamine (EC 203-615-4, CAS 108-78-1)

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

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

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

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

##### Ozone Regulation (1005/2009)

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

##### VOC Directive (2004/42)

VOC content : < 80 g/l (Dir 2004/42/CE Annex II, A - max. VOC - Phase II, i, WB: 140 g/l)

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

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

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

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

#### 15.1.2. National regulations

No additional information available.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

2. Hazards identification. 3.2. Mixtures.

### Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

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Full text of H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
EUH208	Contains 3-Iod-2-propinylbutylcarbamate(55406-53-6). May produce an allergic reaction.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H351	Suspected of causing cancer.
H361f	Suspected of damaging fertility.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Carc. 2	H351	Calculation method
Repr. 2	H361f	Expert judgement
STOT RE 2	H373	Calculation method