

## Recleo™ S D8900-95

Version 2.0

Revision Date: 05.02.2026

Former date: 29.09.2025

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

#### 1.1 Product identifier

Trade name : Recleo S D8900-95  
Unique Formula Identifier (UFI) : YURJ-KHG4-FT7X-F1PD

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

Use of the Substance/Mixture : Raw material for plastics industry

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

Supplier : Borealis GmbH  
Trabrennstrasse 6-8, 1020 Vienna, Austria  
Telephone: +43 1 22400 0

E-mail address : [sds@borealisgroup.com](mailto:sds@borealisgroup.com)

#### 1.4 Emergency telephone

+1 760 476 3962 (3E), Access code: 336296

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Skin sensitization, Category 1 H317: May cause an allergic skin reaction.

#### 2.2 Label elements

##### Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H317 May cause an allergic skin reaction.

Recleo is a trademark of the Borealis group.

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Precautionary Statements	:	<b>Prevention:</b>
		P261 Avoid breathing dust.
		P272 Contaminated work clothing should not be allowed out of the workplace.
		P280 Wear protective gloves.
		<b>Response:</b>
		P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
		P362 + P364 Take off contaminated clothing and wash it before reuse.
		<b>Disposal:</b>
		P501 Dispose of contents/ container to an approved waste disposal plant.

### Hazardous ingredients which must be listed on the label:

N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine  
Poly[(N,N"-1,2-ethanediylobis-1,3-propanediamine)-co-(2,4,6-trichloro-1,3,5-triazine)-co-(N-butyl-2,2,6,6-tetramethyl-4-piperidinam  
6,6'-di-tert-butyl-4,4'-thiodi-m-cresol  
maleic anhydride

### Additional Labeling

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The product burns, but is not classified as flammable.  
Dust from the product gives a potential risk for dust explosion.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : It contains post-industrial recycled polymer.  
It contains carbon black.

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	106990-43-6 401-990-0 613-078-00-1 01-0000015180-83	Skin Sens. 1; H317 Aquatic Chronic 2; H411 STOT RE 2; H373 (lymphatic system)	>= 0,25 - < 1
bis(2,2,6,6-tetramethyl-4-piperidinyl)decanedioate	52829-07-9 258-207-9	Eye Dam. 1; H318 Repr. 2; H361f Aquatic Acute 1; H400 Aquatic Chronic 2; H411  M-Factor (Acute aquatic toxicity): 1	>= 0,25 - < 1
Poly[(N,N"-1,2-ethanediylobis-1,3-propanediamine)-co-(2,4,6-trichloro-1,3,5-triazine)-co-(N-butyl-2,2,6,6-tetramethyl-4-piperidinam	136504-96-6 500-311-6 01-2119917320-51	Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 0,25 - < 1
6,6'-di-tert-butyl-4,4'-thiodi-m-cresol	96-69-5 202-525-2 01-2119514452-49	Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 0,1 - < 0,25
maleic anhydride	108-31-6 203-571-6 607-096-00-9	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Resp. Sens. 1; H334 Skin Sens. 1A; H317	>= 0,001 - < 0,1

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		STOT RE 1; H372 (Respiratory system) EUH071 <hr/> specific concentration limit Skin Sens. 1A; H317 >= 0,001 %
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For explanation of abbreviations see section 16.

**SECTION 4: First aid measures**

**4.1 Description of first-aid measures**

- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and plenty of water.  
Call a physician if irritation develops or persists.  
If molten material comes in contact with the skin, cool with plenty of water. DO NOT remove solidified product, as removal could result in severe tissue damage.
- In case of eye contact : Flush eyes with water as a precaution.  
Get medical attention if irritation develops and persists.
- If swallowed : Rinse mouth with water.  
Consult a physician if necessary.

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

- Symptoms : Inhalation of dust may irritate the respiratory tract.  
Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.  
  
Skin contact may provoke the following symptoms:  
Irritation
- Risks : May cause an allergic skin reaction.

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

- Treatment : Treat symptomatically.  
No specific instructions needed.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Water in spread jet, dry chemicals, foam or carbon dioxide.

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

Specific hazards during fire fighting : Principal toxicant in the smoke is carbon monoxide.

#### 5.3 Advice for firefighters

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

### SECTION 6: Accidental release measures

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

Personal precautions : Ensure adequate ventilation.  
Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Should not be released into the environment.

It is recommended to implement systems and practices (such as Operation Clean Sweep®) to prevent accidental release of plastics in to the environment.

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

Methods for cleaning up : Vacuum or sweep up spill.  
All spill of material must be removed immediately to prevent slipping accidents.  
Recycle or dispose loose material properly.  
Do not flush into surface water or sanitary sewer system.

#### 6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : During processing and thermal treatment of the product, small

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- amounts of volatile hydrocarbons may be released.  
Provide adequate ventilation.  
Local exhaust ventilation may be necessary.  
Avoid inhalation of dust and decomposition fumes.  
Avoid contact with skin and eyes.  
May cause sensitization of susceptible persons.  
Personnel sensitised to this substance should not be allowed to handle the product.
- Advice on protection against fire and explosion : Dust from the product gives a potential risk for dust explosion. All equipment shall be grounded. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.
- Hygiene measures : When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

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

- Requirements for storage areas and containers : Safety aspects do not require any special precautions in terms of storage.
- Further information on storage stability : Keep in a dry place.

### 7.3 Specific end use(s)

- Specific use(s) : Raw material for industry

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

For national exposure limit (OEL) values, check country specific safety data sheets.

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

Substance name	End Use	Routes of exposure	Potential health effects	Value
N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	Workers	Inhalation	Long-term systemic effects	0,176 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	0,5 mg/kg bw/day
bis(2,2,6,6-	Workers	Inhalation	Long-term systemic	1,27 mg/m <sup>3</sup>

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



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tetramethyl-4-piperidinyl)decanedioate			effects	
	Workers	Dermal	Long-term systemic effects	1,8 mg/kg bw/day
Poly[(N,N"-1,2-ethanediylobis-1,3-propanediamine)-co-(2,4,6-trichloro-1,3,5-triazine)-co-( N-butyl-2,2,6,6-tetramethyl-4-piperidinam	Workers	Inhalation	Long-term systemic effects	0,56 mg/m3
	Workers	Dermal	Long-term systemic effects	0,16 mg/kg bw/day
6,6'-di-tert-butyl-4,4'-thiodi-m-cresol	Workers	Inhalation	Long-term systemic effects	2,8 mg/m3
	Workers	Dermal	Long-term systemic effects	1 mg/kg bw/d
maleic anhydride	Workers	Inhalation	Long-term	0,081 mg/m3
	Workers	Inhalation	Acute effects	0,2 mg/m3

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

Substance name	Environmental Compartment	Value
N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine	Fresh water	7,4 µg/l
	Sea water	0,74 µg/l
	Fresh water sediment	3,5 mg/kg dry weight (d.w.)
	Sea sediment	0,35 mg/kg dry weight (d.w.)
	Sewage treatment plant	1 mg/l
bis(2,2,6,6-tetramethyl-4-piperidinyl)decanedioate	Fresh water	0,004 mg/l
	Sea water	0,38 µg/l
	Fresh water sediment	5,9 mg/kg dry weight (d.w.)
	Sea sediment	0,59 mg/kg dry weight (d.w.)
	Sewage treatment plant	1 mg/l
	Soil	1,18 mg/kg dry weight (d.w.)
Poly[(N,N"-1,2-ethanediylobis-1,3-propanediamine)-co-(2,4,6-trichloro-1,3,5-triazine)-co-( N-butyl-2,2,6,6-tetramethyl-4-	Fresh water	1,2 µg/l

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piperidinam	Sea water	0,12 µg/l
	Sewage treatment plant	100 mg/l
	Soil	0,0059 mg/kg dry weight (d.w.)
6,6'-di-tert-butyl-4,4'-thiodi-m-cresol	Fresh water	0 mg/l
	Sea water	0 mg/l
	Fresh water sediment	5,77 mg/kg dry weight (d.w.)
	Sea sediment	0,577 mg/kg dry weight (d.w.)
	Soil	1,15 mg/kg dry weight (d.w.)

### 8.2 Exposure controls

#### Engineering measures

Provide adequate ventilation.  
Local exhaust ventilation may be necessary.

#### Personal protective equipment

Eye/face protection : Safety glasses  
Use eye protection according to EN 166.

Hand protection

Remarks : Protective gloves  
Protective gloves complying with EN 374.  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Skin and body protection : Protective clothing

Respiratory protection : In case of insufficient ventilation: Respirator with ABEK-P3 filter or self-contained breathing apparatus.

Protective measures : Appropriate personal protective equipment (PPE) shall be worn in accordance with Regulation (EU) 2016/425.

#### Environmental exposure controls

General advice : Should not be released into the environment.  
It is recommended to implement systems and practices (such as Operation Clean Sweep®) to prevent accidental release of plastics in to the environment.

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### SECTION 9: Physical and chemical properties

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

Physical state	:	solid
Form	:	pellets
Color	:	black
Odor	:	slight
Melting point/ range	:	100 - 170 °C
Boiling range	:	Decomposes on heating.
Flammability	:	The product is not flammable.
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Not applicable, (solid)
Autoignition temperature	:	> 320 °C
pH	:	Not applicable insoluble
Viscosity	:	
Viscosity, dynamic	:	No data available
Solubility(ies)	:	
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	Not applicable insoluble
Vapor pressure	:	Not applicable (solid)
Density	:	0,9 - 1,0 g/cm <sup>3</sup>

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Particle size : 3 - 10 mm  
Method: Image analysis (surface-based)

### 9.2 Other information

Explosives : Not explosive  
Oxidizing properties : The substance or mixture is not classified as oxidizing.  
Evaporation rate : Not applicable  
(solid)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

The product is a stable thermoplastic.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

### 10.4 Conditions to avoid

Conditions to avoid : Extremes of temperature and direct sunlight.

### 10.5 Incompatible materials

Materials to avoid : None known.

### 10.6 Hazardous decomposition products

Under fire conditions:

Carbon monoxide

During processing and thermal treatment of the product, small amounts of volatile hydrocarbons may be released.

## SECTION 11: Toxicological information

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

#### Acute toxicity

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

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### Components:

#### **maleic anhydride:**

Acute oral toxicity : LD50 (Rat): 1090 mg/kg bw  
Method: OECD Test Guideline 401  
GLP: No information available.

Acute dermal toxicity : LD50 (Rabbit): 2620 mg/kg bw  
Method: No information available.  
GLP: No information available.

### **Skin corrosion/irritation**

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

### Components:

#### **maleic anhydride:**

Species : Rabbit  
Exposure time : 4 h  
Method : OECD Test Guideline 404  
Result : Corrosive  
GLP : no

### **Serious eye damage/eye irritation**

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

### Components:

#### **bis(2,2,6,6-tetramethyl-4-piperidinyl)decanedioate:**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Irreversible effects on the eye  
GLP : no

#### **maleic anhydride:**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Irreversible effects on the eye  
GLP : yes

### **Respiratory or skin sensitization**

#### **Skin sensitization**

May cause an allergic skin reaction.

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### Respiratory sensitization

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

### Components:

#### **N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine:**

Result : May cause sensitization by skin contact.

#### **Poly[(N,N''-1,2-ethanediylbis-1,3-propanediamine)-co-(2,4,6-trichloro-1,3,5-triazine)-co-(N-butyl-2,2,6,6-tetramethyl-4-piperidinam):**

Test Type : Local lymph node assay (LLNA)  
Species : Mouse  
Method : OECD Test Guideline 429  
Result : May cause sensitization by skin contact.  
GLP : yes

#### **6,6'-di-tert-butyl-4,4'-thiodi-m-cresol:**

Test Type : Maximization Test  
Species : Guinea pig  
Assessment : May cause sensitization by skin contact.  
Method : No information available.  
GLP : No information available.

#### **maleic anhydride:**

Test Type : Local lymph node assay (LLNA)  
Species : Mouse  
Method : OECD Test Guideline 429  
Result : Causes sensitization.  
GLP : No information available.

Routes of exposure : Inhalation  
Species : Rat  
Method : No information available.  
Result : Causes sensitization.  
GLP : no

### Germ cell mutagenicity

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

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### **Carcinogenicity**

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

### **Reproductive toxicity**

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

### **Components:**

#### **bis(2,2,6,6-tetramethyl-4-piperidinyl)decanedioate:**

Effects on fetal development : Species: Rabbit  
Application Route: oral (gavage)  
Developmental Toxicity: NOAEL: 60 mg/kg bw/day  
Method: OECD Test Guideline 414  
GLP: yes

Reproductive toxicity - Assessment : Suspected of damaging fertility.

### **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.

### **Repeated dose toxicity**

### **Components:**

#### **N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine:**

Species : Rat  
NOAEL : 5 mg/kg bw/day  
Method : OECD Test Guideline 408  
Target Organs : lymphatic system

#### **maleic anhydride:**

Species : Dog  
NOAEL : 60 mg/kg bw/day  
Application Route : oral (feed)  
Method : OECD Test Guideline 409  
GLP : no

Species : Rat  
NOAEL : 3,3 mg/m<sup>3</sup>  
Application Route : inhalation (vapor)  
Method : No information available.  
GLP : yes

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### Aspiration toxicity

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

### 11.2 Information on other hazards

#### Endocrine disrupting properties

##### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### Further information

##### Product:

Remarks : Inhalation of dust may irritate the respiratory tract. Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **N,N,N,N-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethyl piperidin-4-yl)amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine:**

- Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 119 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203  
Remarks: The product has low solubility in the test medium. An aqueous dispersion was tested.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 7,3 mg/l  
Exposure time: 24 h  
Test Type: static test  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 5,432 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201

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Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,37 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Test Type: semi-static test  
Method: OECD Test Guideline 211

### **bis(2,2,6,6-tetramethyl-4-piperidinyl)decanedioate:**

Toxicity to fish : LC50 (Lepomis macrochirus (bluegill sunfish)): 4,4 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203  
GLP: no

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 8,58 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to algae/aquatic plants : EC50 (Raphidocelis subcapitata (freshwater green alga)): 0,705 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

M-Factor (Acute aquatic toxicity) : 1

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,23 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Test Type: semi-static test  
Method: OECD Test Guideline 211  
GLP: yes

### **Poly[(N,N"-1,2-ethanediylbis-1,3-propanediamine)-co-(2,4,6-trichloro-1,3,5-triazine)-co-(N-butyl-2,2,6,6-tetramethyl-4-piperidinam:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 119 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: Read-across (Analogy)

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Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 7,3 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
GLP: yes  
Remarks: Read-across (Analogy)

Toxicity to algae/aquatic plants : EC50 (Raphidocelis subcapitata (freshwater green alga)): 1,2 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes  
Remarks: Read-across (Analogy)

### 6,6'-di-tert-butyl-4,4'-thiodi-m-cresol:

Toxicity to fish : LC50 (fathead minnow (Pimephales promelas)): 0,36 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,16 mg/l  
Exposure time: 48 h

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: Not readily biodegradable.

## 12.3 Bioaccumulative potential

### Product:

Bioaccumulation : Remarks: Does not accumulate in organisms.

## 12.4 Mobility in soil

### Product:

Mobility : Remarks: Not expected to adsorb on soil.

## 12.5 Results of PBT and vPvB assessment

### Product:

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Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

**Product:**

Additional ecological information : Should not be released into the environment.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of contents/ container to an approved waste disposal plant.  
Discharge into the environment must be avoided.  
Check with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN : Not regulated as a dangerous good

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

### 14.2 UN proper shipping name

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**ADN** : Not regulated as a dangerous good  
**ADR** : Not regulated as a dangerous good  
**RID** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

**ADN** : Not regulated as a dangerous good  
**ADR** : Not regulated as a dangerous good  
**RID** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good

### 14.4 Packing group

**ADN** : Not regulated as a dangerous good  
**ADR** : Not regulated as a dangerous good  
**RID** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good  
**IATA (Cargo)** : Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Remarks : Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

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

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 78:

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving : Not applicable

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dangerous substances.

### 15.2 Chemical Safety Assessment

no

## SECTION 16: Other information

### Full text of H-Statements

H302	:	Harmful if swallowed.
H314	:	Causes severe skin burns and eye damage.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H334	:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H361f	:	Suspected of damaging fertility.
H372	:	Causes damage to organs through prolonged or repeated exposure if inhaled.
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.
H411	:	Toxic to aquatic life with long lasting effects.
EUH071	:	Corrosive to the respiratory tract.
H317	:	May cause an allergic skin reaction.

### Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Repr.	:	Reproductive toxicity
Resp. Sens.	:	Respiratory sensitization
Skin Corr.	:	Skin corrosion
Skin Sens.	:	Skin sensitization
STOT RE	:	Specific target organ toxicity - repeated exposure
Skin Sens.	:	Skin sensitization

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



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associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

- Other information : Issued according to Regulation (EC) No 1907/2006, Annex II, and its amendments.  
Changes since the last version are highlighted in the margin.  
This version replaces all previous versions.
- Contact Point : Borealis, Group Product Stewardship
- Sources of key data used to compile the Material Safety Data Sheet : The classification information of components is based on raw material supplier data.

### Classification of the mixture:

Skin Sens. 1 H317

### Classification procedure:

Calculation method

### Disclaimer

Recycled plastics are subject to material inconsistencies. mtm makes no warranties which extend beyond the description contained herein and to the best of our knowledge, the information is accurate and reliable as of the date of publication. Because of the multitude of possible influences during the use and application of our products, the information included does not release customers and users from the obligation to examine and test them carefully. Please note that nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose. It is the

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