

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



## DEMERIL M COLOURLESS

Version	Revision Date:	SDS Number:	Date of last issue: -
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product name** DEMERIL M COLOURLESS

#### Other means of identification

**Product code** 50002021

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

**Use of the Substance/Mixture** : Adjuvant for plant protection products

**Recommended restrictions on use** : Use as recommended by the label.  
For professional users only.

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

#### Supplier Address

Cheminova Deutschland GmbH & Co. KG  
Stader Elbstrasse 26  
21683 Stade  
Germany

Telephone: +49 (0) 4141 9204 0  
Telefax: +45 (0) 4141 9204 206  
E-mail address: datenblatt@fmc.com, SDS-Info@fmc.com .

#### 1.4 Emergency telephone number

For leak, fire, spill or accident emergencies, call:  
Germany: +49-69643508409 (CHEMTREC)  
0800-181-7059 (CHEMTREC)

Medical emergency:  
Germany: +49 (0) 551 19240

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture.

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### 2.2 Label elements

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

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

#### Additional Labelling

EUH210 Safety data sheet available on request.

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

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

### 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.

Dust can form an explosive mixture in air.

Avoid any inhalation of the dust with adequate measures (good ventilation or respiratory mask); Pneumoconiosis a silicosis-like respiratory disorder (pulmonary talcosis) might occur.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6 238-877-9		>= 70 - < 90
mica	12001-26-2		>= 1 - < 10
titanium dioxide	13463-67-7 236-675-5		>= 1 - <= 5

For explanation of abbreviations see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- |                            |  |
|----------------------------|--|
| General advice             | : Do not leave the victim unattended.  |
| Protection of first-aiders | : First Aid responders should pay attention to self-protection and use the recommended protective clothing<br>Avoid inhalation, ingestion and contact with skin and eyes.<br>If potential for exposure exists refer to Section 8 for specific personal protective equipment. |
| If inhaled                 | : Move to fresh air.<br>If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.<br>If experiencing any discomfort, immediately remove from exposure. Get medical attention if discomfort does not disappear.           |
| In case of skin contact    | : Take off all contaminated clothing immediately.<br>Wash contaminated clothing before re-use.<br>Wash off immediately with plenty of water for at least 15 minutes.<br>Get medical attention if irritation develops and persists.   |
| In case of eye contact     | : Remove contact lenses.<br>Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist.   |
| If swallowed               | : Do not induce vomiting without medical advice.<br>Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.  |

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

None known.

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

Treatment	: Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media	: Dry chemical, CO2, water spray or regular foam.
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Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet  
Do not spread spilled material with high-pressure water streams.

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

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Firefighters should wear protective clothing and self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## SECTION 6: Accidental release measures

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

Personal precautions : Avoid dust formation.  
Never return spills in original containers for re-use.  
Mark the contaminated area with signs and prevent access to unauthorized personnel.  
Only qualified personnel equipped with suitable protective equipment may intervene.  
For disposal considerations see section 13.

### 6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

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Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : General industrial hygiene practice.

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

Requirements for storage areas and containers : Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

Storage class (TRGS 510) : 11

Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : The product may be used as adjuvant for plant protection products only.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Dust Basis: DE DFG MAK

10 mg/m<sup>3</sup>

Peak-limit: excursion factor (category): 2;(II)

Value type (Form of exposure): AGW (Inhalable fraction)

Basis: DE TRGS 900

Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child

1,25 mg/m<sup>3</sup>

Peak-limit: excursion factor (category): 2;(II)

Value type (Form of exposure): AGW (Alveolate fraction)

Basis: DE TRGS 900

Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child

Components	CAS-No.	Value type (Form	Control parameters	Basis
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		of exposure)		
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	AGW (Inhalable fraction)	10 mg/m <sup>3</sup>	DE TRGS 900
	Peak-limit: excursion factor (category): 2;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
		AGW (Alveolate fraction)	1,25 mg/m <sup>3</sup>	DE TRGS 900
	Peak-limit: excursion factor (category): 2;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
	Further information: Substances that cause concern that they could be carcinogenic for man but cannot be assessed conclusively because of lack of data			
		TWA (Respirable dust)	0,1 mg/m <sup>3</sup>	2004/37/EC
	Further information: Carcinogens or mutagens			
titanium dioxide	13463-67-7	MAK (measured as the alveolate fraction)	0,3 mg/m <sup>3</sup>	DE DFG MAK
	Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed			
		AGW (Inhalable fraction)	10 mg/m <sup>3</sup> (Titanium dioxide)	DE TRGS 900
	Peak-limit: excursion factor (category): 2;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
		AGW (Alveolate fraction)	1,25 mg/m <sup>3</sup> (Titanium dioxide)	DE TRGS 900
	Peak-limit: excursion factor (category): 2;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			

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

Substance name	End Use	Exposure routes	Potential health effects	Value
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	Workers	Inhalation	Long-term systemic effects	2,16 mg/m <sup>3</sup>
	Workers	Inhalation	Acute systemic effects	2,16 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects	3,16 mg/m <sup>3</sup>
	Workers	Inhalation	Acute local effects	3,6 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	43,2 mg/kg bw/day
	Workers	Dermal	Long-term local effects	4,54 mg/cm <sup>2</sup>
	Consumers	Inhalation	Long-term systemic effects	1,08 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute systemic ef-	1,08 mg/m <sup>3</sup>

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			fects	
	Consumers	Inhalation	Long-term local effects	1,8 mg/m3
	Consumers	Inhalation	Acute local effects	1,8 mg/m3
	Consumers	Dermal	Long-term systemic effects	21,6 mg/kg bw/day
	Consumers	Dermal	Long-term local effects	2,27 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	160 mg/kg bw/day
	Consumers	Oral	Acute systemic effects	160 mg/kg bw/day

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

Substance name	Environmental Compartment	Value
Talc ( $\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$ )	Fresh water	597,97 mg/l
	Marine water	141,26 mg/l
	Fresh water sediment	31,33 mg/kg dry weight (d.w.)
	Marine sediment	3,13 mg/kg dry weight (d.w.)
	Air	10 mg/m3
	Intermittent use (freshwater)	597,97 mg/l
	Intermittent use (marine water)	141,26 mg/l

## 8.2 Exposure controls

### Personal protective equipment

Eye/face protection : Safety glasses

### Hand protection

Material : Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.

Remarks : Follow the instructions for use issued by the producer.

Skin and body protection : Protective suit

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Equipment should conform to EN 143

Filter type : Particulates type (P)

Protective measures : Plan first aid action before beginning work with this product. Always have on hand a first-aid kit, together with proper instructions. Ensure that eye flushing systems and safety showers are located close to the working place. Wear suitable protective equipment.

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### SECTION 9: Physical and chemical properties

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

Physical state	: solid
Form	: powder
Colour	: white
Odour	: odourless
Odour Threshold	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Flash point	: No data available
Auto-ignition temperature	: not auto-flammable
Decomposition temperature	: No data available
pH	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Solubility(ies)	
Water solubility	: dispersible



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Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Vapour pressure : No data available

Relative density : No data available

Density : No data available

Bulk density : 300 - 450 g/l (20 °C)

Relative vapour density : No data available

Particle characteristics  
Particle size : No data available

Particle Size Distribution : No data available

Shape : No data available

### 9.2 Other information

Explosives : Not explosive

Oxidizing properties : Non-oxidizing

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

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Hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.  
Dust may form explosive mixture in air.

### 10.4 Conditions to avoid

Conditions to avoid : Avoid extreme temperatures  
Avoid dust formation.

### 10.5 Incompatible materials

Materials to avoid : Avoid strong acids, bases, and oxidizers

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## 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.

#### Product:

Acute oral toxicity : Remarks: Not classified

Acute inhalation toxicity : Remarks: Not classified

Acute dermal toxicity : Remarks: Not classified

#### Components:

##### Talc ( $\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$ ):

Acute oral toxicity : LD0 (Rat, male): > 5.000 mg/kg  
Method: OECD Test Guideline 423  
Remarks: no mortality

Acute inhalation toxicity : LC0 (Rat, male and female): > 2,1 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Remarks: no mortality

Acute dermal toxicity : LD0 (Rat, male and female): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Remarks: no mortality

#### mica:

Acute oral toxicity : Remarks: No data available

#### titanium dioxide:

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Acute oral toxicity : LD50 (Rat, male and female): > 2.000 mg/kg  
Method: OECD Test Guideline 401  
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat, male): 3,43 - 5,09 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

### Skin corrosion/irritation

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

#### Product:

Remarks : Not classified

#### Components:

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Species : reconstructed human epidermis (RhE)  
Result : No skin irritation

##### mica:

Remarks : No data available

##### titanium dioxide:

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

### Serious eye damage/eye irritation

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

#### Product:

Remarks : Not classified

#### Components:

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : No eye irritation

##### mica:

Remarks : No data available

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### titanium dioxide:

Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	No eye irritation

### Respiratory or skin sensitisation

#### Skin sensitisation

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

#### Respiratory sensitisation

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

#### Product:

Remarks	:	Not classified
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#### Components:

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Test Type	:	Maximisation Type
Exposure routes	:	Dermal
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	Does not cause skin sensitisation.

Exposure routes	:	Inhalation
Species	:	Rat
Result	:	Does not cause respiratory sensitisation.

### titanium dioxide:

Test Type	:	Local lymph node assay (LLNA)
Species	:	Mouse
Method	:	OECD Test Guideline 429
Result	:	Not a skin sensitizer.

### Germ cell mutagenicity

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

#### Components:

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Genotoxicity in vitro	:	Test Type: In vitro mammalian cell gene mutation test
		Result: negative

Test Type: gene mutation test
Method: QSAR
Result: negative

Test Type: reverse mutation assay
Result: negative

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Genotoxicity in vivo : Test Type: dominant lethal test  
Species: Rat (male)  
Application Route: Oral  
Result: negative

Germ cell mutagenicity- Assessment : Weight of evidence does not support classification as a germ cell mutagen.

### titanium dioxide:

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Test system: Chinese hamster ovary cells  
Method: OECD Test Guideline 473  
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test  
Species: Mouse  
Method: OECD Test Guideline 474  
Result: negative

### Carcinogenicity

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

### Components:

#### Talc ( $Mg_3H_2(SiO_3)_4$ ):

Species : Rat, male and female  
Application Route : Oral  
Exposure time : 101 days  
Dose : 100 mg/kg bw/day  
NOAEL : 100 mg/kg bw/day  
Method : OECD Test Guideline 453  
Result : negative  
Target Organs : Stomach  
Tumor Type : Leiomyosarcoma

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

### mica:

Remarks : No data available

### titanium dioxide:

Species : Mouse, male and female  
Application Route : Oral  
Exposure time : 103 weeks  
Result : negative

Species : Rat, male and female  
Application Route : Inhalation  
Exposure time : 2 Years

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Result : negative

### Reproductive toxicity

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

#### Components:

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Effects on fertility : Species: Rabbit, female  
Application Route: Oral  
Dose: 9, 42, 195, 900 mg/kg bw/day  
General Toxicity - Parent: NOAEL: > 900 mg/kg body weight  
General Toxicity F1: NOAEL: > 900 mg/kg body weight  
Result: negative

Effects on foetal development : Test Type: reproductive and developmental toxicity study  
Species: Rat  
Application Route: Oral  
Dose: 0, 16, 74, 350, 1600 mg/kg bw/day  
Duration of Single Treatment: 20 d  
General Toxicity Maternal: NOAEL: >= 1.600 mg/kg bw/day  
Embryo-foetal toxicity: NOAEL: 1.600 mg/kg bw/day  
Result: negative

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

##### titanium dioxide:

Effects on foetal development : Test Type: Embryo-foetal development  
Species: Rat  
Application Route: Oral  
Method: OECD Test Guideline 414  
Result: negative

### STOT - single exposure

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

#### Components:

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

### STOT - repeated exposure

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

### Repeated dose toxicity

#### Components:

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Species : Rat, male and female

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NOAEL	:	100 mg/kg
Application Route	:	Oral - feed
Exposure time	:	101 d
Dose	:	100 mg/kg bw/day
Species	:	Rat, male and female
NOAEL	:	2 mg/m <sup>3</sup>
LOAEL	:	6 mg/m <sup>3</sup>
Application Route	:	inhalation (dust/mist/fume)
Test atmosphere	:	dust/mist
Exposure time	:	20 d
Dose	:	0, 2, 6, 18 mg/m <sup>3</sup>

### titanium dioxide:

Species	:	Rat
NOAEL	:	1.000 mg/kg
Application Route	:	Ingestion
Method	:	OECD Test Guideline 408

Species	:	Mouse, female
LOAEC	:	0,0108 mg/l
Application Route	:	inhalation (dust/mist/fume)
Exposure time	:	13 weeks

### 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.
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### Further information

#### Product:

Remarks	:	No data available
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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

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Toxicity to fish	: LC50 (Fish): 89.581,016 mg/l Exposure time: 96 h Method: QSAR
Toxicity to daphnia and other aquatic invertebrates	: LC50 (Daphnia magna (Water flea)): 36.812,359 mg/l Exposure time: 48 h Method: QSAR
Toxicity to algae/aquatic plants	: NOEC (green algae): 918,089 mg/l Exposure time: 30 d Method: QSAR  EC50 (green algae): 7.202,7 mg/l Exposure time: 96 h Method: QSAR
Toxicity to fish (Chronic toxicity)	: NOEC: 1.412,648 mg/l Exposure time: 30 d Species: Fish Method: QSAR
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 1.459,798 mg/l Exposure time: 30 d Species: Daphnia (water flea) Method: QSAR
<b>titanium dioxide:</b>	
Toxicity to fish	: LC50 (Carassius auratus (goldfish)): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 1.000 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	: EC50 (Lemna minor (duckweed)): > 100 mg/l Exposure time: 7 d
Toxicity to microorganisms	: EC50 : >= 1.000 mg/l Exposure time: 3 h Test Type: Respiration inhibition

### 12.2 Persistence and degradability

#### Components:

#### **titanium dioxide:**

Biodegradability	: Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.
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### 12.3 Bioaccumulative potential

#### Components:

##### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Bioaccumulation : Bioconcentration factor (BCF): 3,16  
Method: QSAR

Partition coefficient: n-octanol/water : log Pow: -9,4 (25 °C)  
pH: 7  
Method: QSAR

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

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 : No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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

### 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
IATA	: Not regulated as a dangerous good

#### 14.2 UN proper shipping name

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	: 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
IATA	: 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
IATA (Passenger)	: Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Remarks	: Not classified as dangerous in the meaning of transport regulations.
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### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## 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) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

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

Water hazard class (Germany) : WGK 2 obviously hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

TA Luft List (Germany) : 5.2.1: Total dust:  
Not applicable  
5.2.2: Inorganic substances in powdered form:  
Not applicable  
5.2.4: Inorganic substances in gaseous form:  
Not applicable  
5.2.5: Organic Substances:  
Not applicable  
5.2.7.1.1: Carcinogenic substance:  
Not applicable  
5.2.7.1.1: Quartz fine dust PM4:  
Not applicable  
5.2.7.1.1: Formaldehyde:  
Not applicable  
5.2.7.1.1: fibres:

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Not applicable  
5.2.7.1.2: Germ cell mutagens:  
Not applicable  
5.2.7.1.3: Substances toxic to reproduction:  
Not applicable  
5.2.7.2: Poorly degradable, easily enrichable and highly toxic organic substances:  
Not applicable

### The components of this product are reported in the following inventories:

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: Product contains substance(s) not listed on TSCA inventory.
AIIC	: On the inventory, or in compliance with the inventory
DSL	: All components of this product are on the Canadian DSL
ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: Not in compliance with the inventory
TECI	: On the inventory, or in compliance with the inventory

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture.

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## SECTION 16: Other information

### Full text of H-Statements

### Full text of other abbreviations

2004/37/EC	: Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work
DE DFG MAK	: Germany. MAK BAT Annex IIa
DE TRGS 900	: Germany. TRGS 900 - Occupational exposure limit values.
2004/37/EC / TWA	: Long term exposure limit
DE DFG MAK / MAK	: MAK value

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DE TRGS 900 / AGW : Time Weighted Average

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 Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration 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 Organisation 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, Authorisation 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

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