

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## ALTUGLAS™ Cast Acrylic Sheets and Block

Version  
1.0

Revision Date:  
02.08.2024

Date of last issue: -  
Date of first issue: 02.08.2024

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

#### 1.1 Product identifier

Trade name : ALTUGLAS™ Cast Acrylic Sheets and Block

Other means of identification : Grades: CN sheet / CN block

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

Use of the Sub-stance/Mixture : Flat or shaped items, obtained by different processes such as machining, heat or cold-forming, assembling

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

Company : ALTUGLAS International S.A.S  
Tour CB21, 16 Place de l'Iris  
92040 Paris La Défense

Telephone : +33178662300

E-mail address of person responsible for the SDS : SDSQuestion@trinseo.com

#### 1.4 Emergency telephone

GLOBAL : +(1)-703-527-3887 LOCAL : +44 20 3885 0382 ORFILA : 01 45 42 59 59 Numéro d'appel d'urgence européen : 112

For Poison Centre information in other EU countries, please refer to Section 16.

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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.

#### 2.2 Label elements

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

Not a hazardous substance or mixture.

Additives are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

According to European classification and labelling regulation for hazardous substances and preparations, the product is not subjected to labelling although one/several component(s) is/are classified as hazardous.

##### Additional Labeling

EUH210 Safety data sheet available on request.

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EUH208 Contains methyl methacrylate. May produce an allergic reaction.

### 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.

Contact with the product, when handled at high temperatures, can cause serious burns.  
At high temperature, products of thermal decomposition can be irritating to respiratory system.  
Toxic effects cannot be excluded.

Possible irritation of respiratory system (by dust inhalation).

At high temperature, products of thermal decomposition can be irritating to skin.

Traces of Residual monomers.

Possible cross sensitization with other acrylates and methacrylates.

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

At high temperature, products of thermal decomposition can be irritating to eyes.

Inert polymer not biodegradable on the basis of its structure.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
methyl methacrylate	80-62-6 201-297-1 607-035-00-6	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system)	>= 0,1 - < 1

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

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- Move to fresh air in case of accidental inhalation of vapors or decomposition products.
- In case of skin contact : On contact with hot product :  
Cool skin rapidly with cold water after contact with molten polymer.  
Remove product with vegetable oil or paraffin.  
In case of adhesion, do not try to remove the product.  
Treat the affected areas as thermal burns.  
In case of extensive burns, hospitalize.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- Wash well-open eyes immediately, abundantly and thoroughly with water.  
On contact with hot product :  
Cool eyes rapidly with cold water after contact with molten polymer.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
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 : Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Dry powder

### 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 fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

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

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### SECTION 6: Accidental release measures

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

Personal precautions : Avoid dust formation.

#### 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.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

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

Provide earthing and safe electrical equipment.

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.

Remove all sources of ignition. Store away from moisture and heat to maintain the technical properties of the product.

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

Further information on storage stability : No decomposition if stored and applied as directed.

Packaging material : Suitable material: Polyethylene

#### 7.3 Specific end use(s)

Specific use(s) : none

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
methyl methacrylate	80-62-6	TWA	50 ppm	2009/161/EU
	Further information: Indicative			
		STEL	100 ppm	2009/161/EU
	Further information: Indicative			
		VME	50 ppm 205 mg/m <sup>3</sup>	FR VLE
	Further information: Regulatory binding exposure limits			
		VLCT (VLE)	100 ppm 410 mg/m <sup>3</sup>	FR VLE
	Further information: Regulatory binding exposure limits			

#### 8.2 Exposure controls

##### Personal protective equipment

- Eye protection : Safety glasses
- Hand protection  
Material : Protective gloves complying with EN 374.
- Skin and body protection : Protective suit
- Respiratory protection : No personal respiratory protective equipment normally required.
- Protective measures : Ensure ventilation of work areas and extraction of dust or vapours likely to be given off during conversion operations (product handled when hot).

### SECTION 9: Physical and chemical properties

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

- Physical state : sheets, blocks
- Color : colorless
- Odor : No data available
- Odor Threshold : No data available
- Melting point/range : No data available
- Freezing point : No data available
- Boiling point/boiling range : Not applicable
- Flammability : Not classified as a flammability hazard
- Upper explosion limit / Upper : Not applicable

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flammability limit	
Lower explosion limit / Lower flammability limit	: Not applicable
Flash point	: Not applicable
Decomposition temperature	: > 280 °C
pH	: Not applicable
Viscosity	
Viscosity, dynamic	: Not applicable
Solubility(ies)	
Water solubility	: (20 °C) insoluble
Partition coefficient: n-octanol/water	: Not applicable
Vapor pressure	: Not applicable
Density	: 1,19 g/cm <sup>3</sup>
Relative vapor density	: Not applicable
Particle characteristics	
Particle size	: Not applicable

### 9.2 Other information

Explosives	: Not relevant (due to its chemical structure)
Oxidizing properties	: Not relevant (due to its chemical structure)
Self-ignition	: > 430 °C
Evaporation rate	: Not applicable

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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

Hazardous reactions	: Stable under recommended storage conditions. No hazards to be specially mentioned.
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### 10.4 Conditions to avoid

Conditions to avoid	: Avoid moisture.
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Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents  
Reducing agents  
Bases

### 10.6 Hazardous decomposition products

Thermal decomposition gives :  
methacrylates  
acrylates  
Formation of toxic products through combustion:  
Carbon oxides

## SECTION 11: Toxicological information

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

#### Acute toxicity

##### Components:

##### **methyl methacrylate:**

Acute oral toxicity : LD50 (rat): = 7.900 - 9.400 mg/kg  
Assessment: Practically nontoxic.

Acute inhalation toxicity : Assessment: The substance or mixture has no acute inhalation toxicity

8 mg/l, 2000 ppm  
Symptoms: Inhalation of vapours ;, Neurological disorders,  
Cardiovascular problems  
Remarks: • In man :

LC50 (Rat): 29,8 mg/l, 7093 ppm  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403  
Test substance: vapour  
Remarks: • In animals :

Acute dermal toxicity : Symptoms: Skin penetration possible

No mortality (Rabbit): 5 g/kg  
Method: OECD Test Guideline 402  
Remarks: • In animals :

LD50 (rabbit): > 5.000 mg/kg

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### Skin corrosion/irritation

#### Components:

##### **methyl methacrylate:**

Species : Rabbit  
Result : Causes skin irritation.

### Serious eye damage/eye irritation

#### Components:

##### **methyl methacrylate:**

Species : Rabbit  
Result : Mild eye irritation

### Respiratory or skin sensitization

#### Components:

##### **methyl methacrylate:**

Test Type : Maximization Test  
Species : Guinea pig  
Result : Skin allergy was observed.

### Germ cell mutagenicity

#### Components:

##### **methyl methacrylate:**

Genotoxicity in vitro : Test Type: Ames test in vitro  
Method: OECD Test Guideline 471  
Result: Inactive

Test Type: In vitro gene mutations test on mammalian cells  
Method: OECD Test Guideline 476  
Result: Inactive

Test Type: in vitro mammalian cell micronucleus test  
Method: OECD Test Guideline 487  
Result: Inactive

Genotoxicity in vivo : Test Type: Chromosome aberration test in vivo  
Application Route: Inhalation  
Method: OECD Test Guideline 475  
Result: Inactive

Test Type: Micronucleus test in vivo mouse  
Application Route: By oral route  
Method: OECD Test Guideline 474  
Result: Inactive

Germ cell mutagenicity- As- : Not genotoxic, According to available experimental data:



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assessment

### **Carcinogenicity**

#### **Components:**

##### **methyl methacrylate:**

Result : Absence of causal relationship between incidence of cancer and exposure to product in epidemiological studies

Remarks : • In man :

Species : rat and mouse  
Application Route : By inhalation  
Exposure time : 2 years  
NOAEL :  $\geq 4,1$  mg/l  
Method : OECD Test Guideline 451  
Result : Absence of carcinogenic effects  
Symptoms : nasal lesions affecting the sense of smell  
Remarks : • In animals :

Species : Hamster  
Application Route : By inhalation  
Result : Absence of carcinogenic effects

Species : Rat  
Application Route : drinking water  
Exposure time : 2 years  
Result : Absence of carcinogenic effects  
Remarks : • In animals :

Carcinogenicity - Assessment : According to available experimental data., Absence of carcinogenic effects

### **Reproductive toxicity**

#### **Components:**

##### **methyl methacrylate:**

Effects on fertility : Test Type: Two-generation study  
Species: Rat  
Application Route: By oral route  
General Toxicity Parent: 50 mg/kg bw/day  
Fertility: 400 mg/kg bw/day  
Method: OECD Test Guideline 416  
Result: No toxic effects for reproduction  
Remarks: • In animals :

Effects on fetal development : Test Type: Exposure during pregnancy  
Method: OECD Test Guideline 414  
Result: Absence of toxic effects for foetal development.  
Remarks: • In animals :

Species: Rat  
Application Route: By inhalation

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General Toxicity Maternal: < 0,41 mg/l  
Developmental Toxicity: >= 8,3 mg/l

Species: Rabbit  
Application Route: By oral route  
General Toxicity Maternal: 50 mg/kg bw/day  
Developmental Toxicity: 450 mg/kg bw/day

Reproductive toxicity - Assessment : Absence of toxic effects for foetal development., According to available experimental data:

Absence of toxic effects on fertility, According to available experimental data:

### STOT-single exposure

#### Components:

##### **methyl methacrylate:**

Routes of exposure : Inhalation  
Target Organs : Respiratory Tract  
Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

### Repeated dose toxicity

#### Components:

##### **methyl methacrylate:**

NOAEL : 0,2 mg/l, 50ppm  
Target Organs : respiratory tract  
Symptoms : Local effects due to an irritant effect  
Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Remarks : • In man :

Species : Rat  
NOAEL : 0,1 mg/l, 25ppm  
Application Route : Repeated exposure by inhalation  
Target Organs : Upper respiratory tract  
Symptoms : Atrophy of olfactory epithelium  
Remarks : • In animals :

NOAEL : > 2,0 mg/l, >500ppm  
Symptoms : Systemic toxicity

### Aspiration toxicity

#### Components:

##### **methyl methacrylate:**

Not relevant

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### 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 : No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **methyl methacrylate:**

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 79 mg/l  
Exposure time: 96 h  
Method: US EPA
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 69 mg/l  
Exposure time: 48 h  
Method: US EPA
- Toxicity to algae/aquatic plants :  
ErC50 (Pseudokirchneriella subcapitata (microalgae)): > 110 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- Toxicity to microorganisms : EC50 (Activated sludge): > 100 mg/l  
Exposure time: 14 d  
Test Type: Respiration inhibition  
Method: Reported data
- Toxicity to fish (Chronic toxicity) : NOEC: = 9,4 mg/l  
End point: Early-life Stage  
Exposure time: 35 d  
Species: Danio rerio (zebra fish)  
Method: OECD Test Guideline 210
- Toxicity to daphnia and other aquatic invertebrates (Chronic) : NOEC: 37 mg/l  
End point: reproduction

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ic toxicity)      Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

Toxicity to soil dwelling organisms : NOEC: > 1.000 mg/kg  
Exposure time: 28 d  
Species: Microorganisms

### Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

## 12.2 Persistence and degradability

### Components:

#### **methyl methacrylate:**

Biodegradability : Result: Readily biodegradable  
Biodegradation: 94 %  
Exposure time: 14 d  
Method: OECD Test Guideline 301 C

Stability in water : Degradation half life: 53 Months (25 °C)  
pH: 7  
  
Degradation half life: 2,4 h (25 °C)  
pH: 11

## 12.3 Bioaccumulative potential

### Components:

#### **methyl methacrylate:**

Partition coefficient: n-octanol/water : log Pow: = 1,38 (20 °C)  
Method: OECD Test Guideline 107

## 12.4 Mobility in soil

### Components:

#### **methyl methacrylate:**

Distribution among environmental compartments : log Koc: 0,94 - 1,86  
Method: measured

## 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.

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### Components:

#### **methyl methacrylate:**

Assessment : According to REACH regulation, annex XIII, the substance does not meet PBT and vPvB criteria.

### 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

#### Components:

#### **methyl methacrylate:**

Additional ecological information : All available and relevant data on this product and/or the components quoted in section 3 and/or the analogue substances/metabolites have been taken into account for the hazard assessment.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Recycle if possible.  
or  
Destroy the product by incineration (in accordance with local and national 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

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

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### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

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.

### 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 Authorization (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 (EC) 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

Occupational Illnesses (R-461-3, France) : 82

Reinforced medical supervision (R4624-18) : The product has no CMR properties

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 1 %

### 15.2 Chemical Safety Assessment

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

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### SECTION 16: Other information

Country	Poison Information Centre
Austria	+43 1 406 43 43
Belgium	070 245 245
Bulgaria	+359 2 9154 233
Croatia	+3851 2348 342
Cyprus	1401
Czech Republic	+420 224 919 293
Denmark	+45 8212 1212
Estonia	nationally 16662, calling from abroad (+372) 7943 794
Finland	0800 147 111
France	+ 33 (0)1 45 42 59 59
Germany	
Greece	(0030) 2107793777
Hungary	+36-80-201-199
Iceland	543 2222
Ireland	01 809 2166
Italy	+39 02 66 10 10 29
Latvia	
Liechtenstein	
Lithuania	+370 (85) 2362052
Luxembourg	(+352) 8002 5500
Malta	
the Netherlands	NVIC: +31 (0)88 755 8000
Norway	22 59 13 00
Poland	
Portugal	+351 800 250 250
Romania	+40213183606
Slovakia	+421 2 5477 4166
Slovenia	112
Spain	34 91 562 04 20
Sweden	112

#### Full text of H-Statements

H225 : Highly flammable liquid and vapor.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H335 : May cause respiratory irritation.

#### Full text of other abbreviations

Flam. Liq. : Flammable liquids  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitization  
STOT SE : Specific target organ toxicity - single exposure  
2009/161/EU : Europe. COMMISSION DIRECTIVE 2009/161/EU establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC  
FR VLE : France. Occupational Exposure Limits (INRS)  
2009/161/EU / TWA : Limit Value - eight hours

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2009/161/EU / STEL            : Short term exposure limit  
FR VLE / VME                 : Time Weighted Average  
FR VLE / VLCT (VLE)         : Short Term Exposure Limit

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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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