



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : VIPER XTREM and VIPER XTREM TR - composant A  
UFI : 8U00-F0SC-A00S-SJT1

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

Chemical fixing.

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

Registered company name : SPIT  
Address : 150, avenue de Lyon 26500 BOURG-LES VALENCES France  
Telephone : 0 810 102 102. Fax: 0 810 432 432. Telex: .  
Email: msds-reach@spit.com  
<http://spit.fr>

#### 1.4. Emergency telephone number : +33(0) 1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

#### Other emergency numbers

National Poisons Information Service of England: <http://npis.org> - NHS 111: dial 111 - National Poisons Information Centre of Ireland: 353 (1) 809 2166 - LUXEMBOURG : (+352) 8002 5500 - European Emergency Number Association (EENA) : 112

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

EC 218-218-1

TETRAMETHYLENE DIMETHACRYLATE

EC 248-666-3

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL

Hazard statements :

H317

May cause an allergic skin reaction.

Precautionary statements - Prevention :

P261

Avoid breathing mist/vapours.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P302 + P352

IF ON SKIN: Wash with plenty of water.

P333 + P313

If skin irritation or rash occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.  
 Precautionary statements - Disposal :  
 P501 Dispose of contents/container at a disposal facility in accordance with local regulations.

### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>  
 The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.  
 The mixture does not contain substances  $\geq 0.1\%$  with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

Identification	Classification (EC) 1272/2008	Note	%
CAS: 14808-60-7 EC: 238-878-4  QUARTZ (SIO <sub>2</sub> ) - NON ALVEOLAR		[1]	25 $\leq$ x % < 50
CAS: 2082-81-7 EC: 218-218-1 REACH: 01-2119967415-30  TETRAMETHYLENE DIMETHACRYLATE	GHS07 Wng Skin Sens. 1B, H317		10 $\leq$ x % < 25
CAS: 1317-65-3 EC: 215-279-6  LIMESTONE		[1]	10 $\leq$ x % < 25
CAS: 43048-08-4 EC: 256-062-6  (OCTAHYDRO-4,7-METHANO-1H-INDENEDIYL)BIS(METHYLENE)BISMETHACRYLATE	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319		2.5 $\leq$ x % < 10
CAS: 27813-02-1 EC: 248-666-3 REACH: 01-2119490226-37  METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL	GHS07 Wng Skin Sens. 1, H317 Eye Irrit. 2, H319		1 $\leq$ x % < 2.5
CAS: 38668-48-3 EC: 254-075-1  1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL	GHS06 Dgr Acute Tox. 2, H300 Eye Irrit. 2, H319 Aquatic Chronic 3, H412		0.1 $\leq$ x % < 1
CAS: 14808-60-7 EC: 238-878-4  QUARTZ (SIO <sub>2</sub> ) - ALVEOLAIRE	GHS08 Dgr STOT RE 1, H372	[1]	0.1 $\leq$ x % < 1
INDEX: 022-006-00-2 CAS: 13463-67-7 EC: 236-675-5  TITANIUM DIOXIDE [IN POWDER FORM CONTAINING 1 % OR MORE OF PARTICLES WITH AERODYNAMIC DIAMETER $\leq$ 10 $\mu$ M]	GHS08 Wng Carc. 2, H351	[1] [10]	0.1 $\leq$ x % < 1
CAS: 98-29-3 EC: 202-653-9  4-TERT-BUTYLPYROCATÉCHOL	GHS06, GHS05, GHS09 Dgr Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1B, H314	[1]	0 $\leq$ x % < 0.1

Aquatic Chronic 2, H411

**Specific concentration limits:**

Identification	Specific concentration limits	ATE
CAS: 2082-81-7 EC: 218-218-1 REACH: 01-2119967415-30  TETRAMETHYLENE DIMETHACRYLATE		oral: ATE = 10066 mg/kg BW
CAS: 1317-65-3 EC: 215-279-6  LIMESTONE		oral: ATE = 6450 mg/kg BW
CAS: 38668-48-3 EC: 254-075-1  1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL		oral: ATE = 27.5 mg/kg BW
CAS: 98-29-3 EC: 202-653-9  4-TERT-BUTYLPYROCATÉCHOL		dermal: ATE = 630 mg/kg BW oral: ATE = 2820 mg/kg BW

**Information on ingredients :**

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ .

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. description of first aid measures****In the event of exposure by inhalation :**

If inhaled, move the patient into the fresh air and keep warm and at rest.

**In the event of splashes or contact with eyes :**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

No data available.

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

#### For non first aid worker

Avoid any contact with the skin and eyes.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

#### Fire prevention :

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

#### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

#### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	0.05 mg/m <sup>3</sup>	-	-	-	R
14808-60-7	0.05 mg/m <sup>3</sup>	-	-	-	R
13463-67-7	10 mg/m <sup>3</sup>			A4	

- Australia (NOHSC: 3008, 1995) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	0.1 mg/m <sup>3</sup>				
1317-65-3	10 mg/m <sup>3</sup>			H	
14808-60-7	0.1 mg/m <sup>3</sup>				
13463-67-7	10 mg/m <sup>3</sup>			H	

- Austria (BGBl. II Nr. 156/2021) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	0.05 A mg/m <sup>3</sup>				
14808-60-7	0.05 A mg/m <sup>3</sup>				

13463-67-7	5A mg/m3	10A mg/m3			
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- Belgium (Royal decree of 11/05/2021) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	0.1 mg/m3			C	
1317-65-3	10 mg/m3				
14808-60-7	0.1 mg/m3			C	
13463-67-7	10 mg/m3				

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
14808-60-7	-	0.1 A	-	-	-	25
1317-65-3	-	10	-	-	-	-
14808-60-7	-	0.1 A	-	-	-	25
13463-67-7	-	10	-	-	-	-

- Switzerland (Suva 2021) :

CAS	VME	VLE	Valeur plafond	Notations		
14808-60-7	0.15 ppm					
1317-65-3	3 a	-	-	-	-	-
14808-60-7	0.15 ppm					
13463-67-7	3 ppm					

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	0.3 mg/m3	-	-	-	R
1317-65-3	4 mg/m3				
14808-60-7	0.3 mg/m3	-	-	-	R
13463-67-7	4 mg/m3				

- USA / OSHA PEL (Occupational Safety and Health Administration, Permissible Exposure Limits) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
14808-60-7	-	-	-	-	T
1317-65-3	15 mg/m3				
14808-60-7	-	-	-	-	T
13463-67-7	15 mg/m3				

- USA / AIHA WEEL (American Industrial Hygiene Association, Workplace Environmental Exposure Limit, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
98-29-3			2 mg/m3	Skin. DSEN	

## 8.2. Exposure controls

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

#### - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.  
After contact with the product, all parts of the body that have been soiled must be washed.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### Physical state

Physical state :	Paste.
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#### Colour

Colour:	Not stated.
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#### Odour

Odour threshold :	Not stated.
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#### Freezing point

Freezing point / Freezing range :	Not stated.
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#### Boiling point or initial boiling point and boiling range

Boiling point/boiling range :	Not relevant.
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#### Flammability

Flammability (solid, gas) :	Not stated.
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#### Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) :	Not stated.
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Explosive properties, upper explosivity limit (%) :	Not stated.
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#### Flash point

Flash point interval :	Not relevant.
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#### Auto-ignition temperature

Self-ignition temperature :	Not relevant.
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#### Decomposition temperature

Decomposition point/decomposition range :	Not relevant.
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#### pH

pH (aqueous solution) :	Not stated.
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pH :	Not relevant.
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#### Kinematic viscosity

Viscosity :	Not stated.
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#### Solubility

Water solubility :	Insoluble.
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Fat solubility :	Not stated.
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#### Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water :	Not stated.
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#### Vapour pressure

Vapour pressure (50°C) :	Not relevant.
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#### Density and/or relative density

Density :	> 1
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#### Relative vapour density

Vapour density :	Not stated.
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#### Particle characteristics

The mixture does not contain nanoforms.

### 9.2. Other information

No data available.

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

No data available.

#### 9.2.2. Other safety characteristics

No data available.

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

## SECTION 11 : TOXICOLOGICAL INFORMATION

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

May cause an allergic reaction by skin contact.

#### 11.1.1. Substances

##### Acute toxicity :

4-TERT-BUTYLPYROCATÉCHOL (CAS: 98-29-3)

Oral route : LD50 = 2820 mg/kg bodyweight/day  
Species : Rat

Dermal route : LD50 = 630 mg/kg bodyweight/day  
Species : Rat

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Oral route : LD50 = 27.5 mg/kg bodyweight/day  
Species : Rat  
OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route : LD50 > 2000 mg/kg bodyweight/day  
Species : Rat  
OECD Guideline 402 (Acute Dermal Toxicity)

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (CAS: 27813-02-1)

Oral route : 2000 < LD50 <= 5000 mg/kg  
Species : Rat  
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 > 5000 mg/kg  
Species : Rabbit

LIMESTONE (CAS: 1317-65-3)

Oral route : LD50 = 6450 mg/kg bodyweight/day  
Species : Rat

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Oral route : LD50 = 10066 mg/kg bodyweight/day  
Species : Rat

Dermal route : LD50 > 3000 mg/kg bodyweight/day  
Species : Rabbit

#### 11.1.2. Mixture

No toxicological data available for the mixture.

### 11.2. Information on other hazards

#### Monograph(s) from the IARC (International Agency for Research on Cancer) :

- CAS 13463-67-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.
- CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans.
- CAS 14808-60-7 : IARC Group 1 : The agent is carcinogenic to humans.

**SECTION 12 : ECOLOGICAL INFORMATION****12.1. Toxicity****12.1.1. Substances**

4-TERT-BUTYLPYROCATÉCHOL (CAS: 98-29-3)

Crustacean toxicity : EC50 = 1.4 mg/l  
Species : *Daphnia magna*  
Duration of exposure : 48 h

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Fish toxicity : LC50 = 17 mg/l  
Species : *Brachydanio rerio*  
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 28.8 mg/l  
Species : *Daphnia magna*  
Duration of exposure : 48 h  
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity : ECr50 = 245 mg/l  
Species : *Desmodesmus subspicatus*  
Duration of exposure : 72 h

NOEC = 57.8 mg/l  
Species : *Desmodesmus subspicatus*  
Duration of exposure : 72 h

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (CAS: 27813-02-1)

Fish toxicity : LC50 = 493 mg/l  
Species : *Leuciscus idus*  
Duration of exposure : 48 h

Crustacean toxicity : EC50 > 143 mg/l  
Species : *Daphnia magna*  
Duration of exposure : 48 h  
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

NOEC = 45.2 mg/l  
Species : *Daphnia magna*  
Duration of exposure : 21 days  
OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

Algae toxicity : ECr50 > 97.2 mg/l  
Duration of exposure : 72 h  
OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 97.2 mg/l  
Species : *Pseudokirchnerella subcapitata*  
Duration of exposure : 72 h  
OECD Guideline 201 (Alga, Growth Inhibition Test)

LIMESTONE (CAS: 1317-65-3)

Fish toxicity : LC50 = 10000 mg/l  
Species : *Oncorhynchus mykiss*  
Duration of exposure : 96 h

Crustacean toxicity : EC50 > 1000 mg/l  
Species : *Daphnia magna*  
Duration of exposure : 48 h

Algae toxicity : ECr50 > 200 mg/l  
Species : *Desmodesmus subspicatus*  
Duration of exposure : 72 h



TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Fish toxicity : LC50 = 32.5 mg/l  
Duration of exposure : 48 h

NOEC > 1 mg/l

Crustacean toxicity : Duration of exposure : 48 h

NOEC = 5.09 mg/l  
Duration of exposure : 21 days

Algae toxicity : ECr50 = 9.79 mg/l  
Duration of exposure : 72 h

### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

## 12.2. Persistence and degradability

### 12.2.1. Substances

4-TERT-BUTYLPYROCATÉCHOL (CAS: 98-29-3)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (CAS: 27813-02-1)

Biodegradability : Rapidly degradable.

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Biodegradability : Rapidly degradable.

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Chemical oxygen demand : DCO = 2.36 g/g

Five-day biochemical oxygen demand : DBO5 = 0.011 g/g

Biodegradability : Non-rapidly degradable.  
DBO5/DCO = 0.00

## 12.3. Bioaccumulative potential

### 12.3.1. Substances

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Octanol/water partition coefficient : log K<sub>ow</sub> = 2.1

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL (CAS: 27813-02-1)

Octanol/water partition coefficient : log K<sub>ow</sub> < 3.

Bioaccumulation : BCF < 100.

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Octanol/water partition coefficient : log K<sub>ow</sub> = 3.1

## 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

No data available.

## 12.6. Endocrine disrupting properties

No data available.

## 12.7. Other adverse effects

No data available.

## German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1 : Slightly hazardous for water.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

### 14.1. UN number or ID number

-

### 14.2. UN proper shipping name

-

### 14.3. Transport hazard class(es)

-

### 14.4. Packing group

-

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

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

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## SECTION 15: Regulatory information

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

#### Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

#### Container information:

No data available.

#### Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):

<https://echa.europa.eu/substances-restricted-under-reach>.

#### Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

#### Particular provisions :

No data available.

#### German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1 : Slightly hazardous for water.

### 15.2. Chemical safety assessment

No data available.

## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer .
H372	Causes damage to organs through prolonged or repeated exposure .
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Abbreviations and acronyms :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.  
LC50 : The concentration of a test substance resulting in 50% lethality in a given period.  
EC50 : The effective concentration of substance that causes 50% of the maximum response.  
ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.  
NOEC : The concentration with no observed effect.  
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.  
ATE : Acute Toxicity Estimate  
BW : Body Weight  
UFI : Unique formulation identifier.  
STEL : Short-term exposure limit  
TWA : Time Weighted Averages  
TMP : French Occupational Illness table  
TLV : Threshold Limit Value (exposure)  
AEV : Average Exposure Value.  
ADR : European agreement concerning the international carriage of dangerous goods by Road.  
IMDG : International Maritime Dangerous Goods.  
IATA : International Air Transport Association.  
ICAO : International Civil Aviation Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
WGK : Wassergefährdungsklasse (Water Hazard Class).  
GHS07 : Exclamation mark  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.