

# SAFETY DATA SHEET



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

## NEXLER Full Fix Pure

Creation date 23rd January 2024  
Revision date Version 1.0

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

**1.1. Product identifier**  
Substance / mixture NEXLER Full Fix Pure mixture  
UFI YNV1-N03T-Q00C-MRKV

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**

Hybrid sealant for gluing and grouting panels, thresholds, window sills, decorative strips, insulation boards, cork, glass and mineral wool on wood, chipboard, plaster, brick, concrete, metal, natural stone slabs (marble, granite, etc.). Also for gluing mirrors and flexible connections in structures exposed to mechanical vibrations.

**Main intended use**

PC-CON-5 Construction chemicals

**Mixture uses advised against**

The product should not be used in ways other than those referred in Section 1.

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

**Supplier**

Name or trade name	NEXLER sp. z o.o.
Address	Łużycka 6, Gdynia, 81-537 Poland
Identification number (CRN)	191528483
VAT Reg No	PL5862073821
Phone	+48 58 781 45 85
E-mail	info@nexler.com
Web address	www.nexler.com

**Competent person responsible for the safety data sheet**

Name	NEXLER sp. z o.o.
E-mail	info@nexler.com

**1.4. Emergency telephone number**

National Health Service (NHS) 111  
National poisoning information centre Scotland, NHS 24: 111

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Flam. Liq. 3, H226  
Skin Sens. 1, H317  
Eye Irrit. 2, H319  
Aquatic Chronic 3, H412

**Most serious adverse physico-chemical effects**

Flammable liquid and vapour.

**Most serious adverse effects on human health and the environment**

Causes serious eye irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

**Hazard pictogram**



**Signal word**

Warning

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### Hazardous substances

trimethoxyvinylsilane

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

### Hazard statements

H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P264 Wash hands and exposed parts of the body thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P501 Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 13822-56-5 EC: 237-511-5 Registration number: 01-2119510159-45	3-(trimethoxysilyl)propylamine	1,6-2,6	Skin Irrit. 2, H315 Eye Dam. 1, H318	
Index: 014-049-00-0 CAS: 2768-02-7 EC: 220-449-8 Registration number: 01-2119513215-52	trimethoxyvinylsilane	0,8-1,8	Flam. Liq. 3, H226 Skin Sens. 1B, H317 Acute Tox. 4, H332	
CAS: 1065336-91-5 EC: 915-687-0 Registration number: 01-2119491304-40	Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	0,8-1,1	Skin Sens. 1A, H317 Repr. 2, H361f Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

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### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water or shower.

### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

### If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

##### If inhaled

Not expected.

##### If on skin

May cause an allergic skin reaction.

##### If in eyes

Causes serious eye irritation.

##### If swallowed

Irritation, nausea.

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

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

##### Unsuitable extinguishing media

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

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

Provide sufficient ventilation. Flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Prevent contact with skin and eyes. No smoking. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges. Avoid release to the environment.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Keep container tightly closed. Keep cool.

#### The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

#### 7.3. Specific end use(s)

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

#### DNEL

3-(trimethoxysilyl)propylamine					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	7.1 mg/m <sup>3</sup>	Chronic effects systemic		
Workers	Dermal	1 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	1.7 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Dermal	0.5 mg/kg bw/day	Chronic effects systemic		

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1.27 mg/m <sup>3</sup>	Chronic effects systemic		
Workers	Dermal	1.8 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	0.31 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Dermal	0.9 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	0.18 mg/kg bw/day	Chronic effects systemic		

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trimethoxyvinylsilane					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	27.6 mg/m <sup>3</sup>	Chronic effects systemic		
Workers	Inhalation	73.6 mg/m <sup>3</sup>	Acute effects systemic		
Workers	Dermal	0.91 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	6.8 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Inhalation	54.4 mg/m <sup>3</sup>	Acute effects systemic		
Consumers	Dermal	0.63 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	0.63 mg/kg bw/day	Chronic effects systemic		

### PNEC

3-(trimethoxysilyl)propylamine			
Route of exposure	Value	Value determination	Source
Drinking water	0.5 mg/l		
Water (intermittent release)	2.05 mg/l		
Marine water	0.05 mg/l		
Microorganisms in sewage treatment	0.81 mg/l		
Freshwater sediment	1.8 mg/kg of dry substance of sediment		
Sea sediments	0.18 mg/kg of dry substance of sediment		
Soil (agricultural)	0.069 mg/kg of dry substance of soil		
Food chain	11.1 mg/kg of food		

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate			
Route of exposure	Value	Value determination	Source
Drinking water	0.002 mg/l		
Water (intermittent release)	0.009 mg/l		
Water (regular leak)	0 mg/l		
Microorganisms in sewage treatment	1 mg/l		
Freshwater sediment	1.05 mg/kg of dry substance of sediment		
Sea sediments	0.11 mg/kg of dry substance of sediment		
Soil (agricultural)	0.21 mg/kg of dry substance of soil		

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### 8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles.

#### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly. Other protection: protective workwear.

#### Respiratory protection

It is not needed.

#### Thermal hazard

Data not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

Physical state	liquid
Colour	colourless
Odour	weak
Melting point/freezing point	<-20 °C
Boiling point or initial boiling point and boiling range	>100 °C
Flammability	flammable liquid and vapor
Lower and upper explosion limit	not determined
Flash point	≥36 °C
Auto-ignition temperature	not determined
trimethoxyvinylsilane (CAS: 2768-02-7)	224 °C
Decomposition temperature	not applicable
pH	reacts with water
Kinematic viscosity	not determined
Viscosity	thixotropic behaviour
Solubility in water	insoluble
Partition coefficient n-octanol/water (log value)	does not apply to mixtures
Vapour pressure	not determined
trimethoxyvinylsilane (CAS: 2768-02-7)	11.9 hPa at 20 °C
Density and/or relative density	
Density	1.15 g/cm <sup>3</sup> at 22 °C
Relative vapour density	>1
Particle characteristics	applies to solids

### 9.2. Other information

not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product cures under the influence of moisture.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

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### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses.

## SECTION 11: Toxicological information

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

3-(trimethoxysilyl)propylamine						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	OECD 401	3030 mg/kg bw		Rat ( <i>Rattus norvegicus</i> )	M
Dermal	LD <sub>50</sub>	OECD 402	11460 mg/kg bw	24 hours	Rabbit	M

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	OECD 423	3230 mg/kg bw		Rat ( <i>Rattus norvegicus</i> )	F/M
Dermal	LD <sub>50</sub>	OECD 402	>3170 mg/kg bw	24 hours	Rat ( <i>Rattus norvegicus</i> )	F/M

trimethoxyvinylsilane						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	OECD 401	6899-7012 mg/kg bw		Rat ( <i>Rattus norvegicus</i> )	F/M
Inhalation (vapor)	LC <sub>50</sub>	OECD 403	16.8 mg/l of air	4 hours	Rat ( <i>Rattus norvegicus</i> )	F/M
Dermal	LD <sub>50</sub>	OECD 402	3158 mg/kg bw	24 hours	Rabbit	F

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

3-(trimethoxysilyl)propylamine				
Route of exposure	Result	Method	Exposure time	Species
Dermal	Slightly irritating	OECD 404	4 hours	Rabbit

#### Serious eye damage/irritation

Causes serious eye irritation.

3-(trimethoxysilyl)propylamine				
Route of exposure	Result	Method	Exposure time	Species
Eye	Highly irritating, Serious eye damage	OECD 405		Rabbit

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### Respiratory or skin sensitisation

May cause an allergic skin reaction.

### Sensitization

#### Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

Route of exposure	Result	Method	Exposure time	Species	Sex
Dermal	Sensitizing	OECD 406		Guinea-pig ( <i>Cavia aperea f. porcellus</i> )	F/M

### Germ cell mutagenicity

Based on available data the classification criteria are not met.

### Carcinogenicity

Based on available data the classification criteria are not met.

### Reproductive toxicity

Based on available data the classification criteria are not met.

#### Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

Effect	Parameter	Method	Value	Result	Species	Sex
Effects on fertility	NOAEL	OECD 443	109 mg/kg bw/day		Rat ( <i>Rattus norvegicus</i> )	M

### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

### Repeated dose toxicity

3-(trimethoxysilyl)propylamine							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	OECD 408	100 mg/kg bw/day	90 days	Rat ( <i>Rattus norvegicus</i> )	F/M

#### Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	OECD 443	36 mg/kg bw/day		Rat ( <i>Rattus norvegicus</i> )	F/M

#### trimethoxyvinylsilane

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	OECD 422	62.5 mg/kg bw/day	42 days	Rat ( <i>Rattus norvegicus</i> )	F/M
Inhalation (vapor)	NOAEC	Systemic effects		605 mg/m <sup>3</sup> of air	14 weeks	Rat ( <i>Rattus norvegicus</i> )	F/M



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### trimethoxyvinylsilane

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Inhalation (vapor)	NOAEC	Local effects		2421 mg/m <sup>3</sup> of air	14 weeks	Rat ( <i>Rattus norvegicus</i> )	F/M

#### Aspiration hazard

Based on available data the classification criteria are not met.

#### 11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

##### Acute toxicity

#### 3-(trimethoxysilyl)propylamine

Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>	OECD 203	>934 mg/l	96 hours	Fish ( <i>Danio rerio</i> )	
EC <sub>50</sub>	OECD 202	331 mg/l	48 hours	Aquatic invertebrates ( <i>Daphnia magna</i> )	
EC <sub>50</sub>	EU C.3 (92/69/EEC)	>1000 mg/l	72 hours	Algae ( <i>Desmodesmus subspicatus</i> )	
NOEC	EU C.3 (92/69/EEC)	321 mg/l	72 hours	Algae ( <i>Scenedesmus subspicatus</i> )	
EC <sub>50</sub>		43 mg/l	5,75 hours	Aquatic microorganisms ( <i>Pseudomonas putida</i> )	Activated sludge
NOEC		10 mg/l	5,75 hours	Aquatic microorganisms ( <i>Pseudomonas putida</i> )	

#### Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>	OECD 203	0.9 mg/l	96 hours	Fish ( <i>Danio rerio</i> )	
EC <sub>50</sub>	OECD 201	1.68 mg/l	72 hours	Algae ( <i>Desmodesmus subspicatus</i> )	
NOEC	OECD 201	0.22 mg/l	72 hours	Algae ( <i>Desmodesmus subspicatus</i> )	
IC <sub>50</sub>	OECD 209	>100 mg/l	3 hours	Aquatic microorganisms	Activated sludge

#### trimethoxyvinylsilane

Parameter	Method	Value	Exposure time	Species	Environment
LC <sub>50</sub>		191 mg/l	96 hours	Fish ( <i>Oncorhynchus mykiss</i> )	

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trimethoxyvinylsilane					
Parameter	Method	Value	Exposure time	Species	Environment
EC <sub>50</sub>	EU C.2	168.7 mg/l	48 hours	Aquatic invertebrates (Daphnia magna)	
NOEC		>89 mg/l	72 hours	Algae (Raphidocelis subcapitata)	
EC <sub>50</sub>	OECD 209	>100 mg/l	3 hours	Aquatic microorganisms	

### Chronic toxicity

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate					
Parameter	Method	Value	Exposure time	Species	Environment
NOEC	OECD 211	1 mg/l	21 days	Aquatic invertebrates (Daphnia magna)	

trimethoxyvinylsilane					
Parameter	Method	Value	Exposure time	Species	Environment
NOEC	OECD 211	28.1 mg/l	21 days	Aquatic invertebrates (Daphnia magna)	

### 12.2. Persistence and degradability

The product is not biodegradable to the extent significant for the natural environment.

#### Biodegradability

3-(trimethoxysilyl)propylamine					
Parameter	Method	Value	Exposure time	Environment	Result
					Hydrolytically unstable

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301E	38 %	28 days		Biodegradable

trimethoxyvinylsilane					
Parameter	Method	Value	Exposure time	Environment	Result
					Hydrolytically unstable

### 12.3. Bioaccumulative potential

Bioaccumulation is not expected.

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate						
Parameter	Method	Value	Exposure time	Species	Environment	Temperature [°C]
Log Pow	OECD 107	2.37-2.77				25°C

### 12.4. Mobility in soil

The product is insoluble in water and does not show mobility in soil.

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### Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

Parameter	Value	Environment	Temperature	Value determination
Log Koc	3.67-5.31			QSAR

#### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### 12.7. Other adverse effects

Data not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Danger of environmental contamination, follow the applicable waste disposal regulations. Store unused product and contaminated packaging in closed containers for waste collection and hand over for disposal to a specialized company authorized to conduct such activity. Do not pour unused product into drains. It must not be disposed of together with municipal waste. Empty packaging can be used for energy in a waste incineration plant or collected in a landfill with an appropriate classification. Perfectly cleaned packaging can be recycled. The classification of waste may change depending on where it is generated.

#### Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### SECTION 14: Transport information

#### 14.1. UN number or ID number

UN 1993

#### 14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (contains: trimethoxyvinylsilane)

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

3 Flammable liquids

#### 14.4. Packing group

III

#### 14.5. Environmental hazards

No.

#### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not relevant

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### Additional information

NOTE: The product packed in receptacles with a capacity of not more than 450 liters is not subject to the provisions of ADR (2.2.3.1.5).

Hazard identification No. **30**  
UN number **1993**  
Classification code F1  
Safety signs 3



Tunnel restriction code (D/E)

### Marine transport - IMDG

EmS (emergency plan) F-E, S-E  
MFAG 310

## SECTION 15: Regulatory information

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

Clean Air Act 1993 as amended. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Public health act 1961. Environmental Protection Act 1990 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H361f Suspected of damaging fertility.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

### Guidelines for safe handling used in the safety data sheet

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P264 Wash hands and exposed parts of the body thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P501 Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

### Other important information about human health protection

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

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The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC <sub>50</sub>	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log K <sub>ow</sub>	Octanol-water partition coefficient
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Repr.	Reproductive toxicity
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

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

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Revision date			

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method and based on tests of physicochemical properties.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.