

# **SAFETY DATA SHEET**

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2015/830

## **Fix All Turbo**

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

1.1. Product identifier

Product name : Fix All Turbo

Registration number REACH : Not applicable (mixture)

Product type REACH : Mixture

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

#### 1.2.1 Relevant identified uses

Sealing compound

#### 1.2.2 Uses advised against

No uses advised against known

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

#### Supplier of the safety data sheet

SOUDAL N.V.

Everdongenlaan 18-20

B-2300 Turnhout

**3** +32 14 42 42 31

**♣** +32 14 42 65 14 msds@soudal.com

#### Manufacturer of the product

SOUDAL N.V.

Everdongenlaan 18-20

B-2300 Turnhout

**2** +32 14 42 42 31

**♣** +32 14 42 65 14 msds@soudal.com

## 1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch):

+32 14 58 45 45 (BIG)

## SECTION 2: Hazards identification

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

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

#### 2.2. Label elements

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008 Hazard pictograms

No pictogram is used

Supplemental information

EUH210 Safety data sheet available on request.

## 2.3. Other hazards

No other hazards known

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable

## 3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
trimethoxyvinylsilane 01-2119513215-52	2768-02-7 220-449-8		Flam. Liq. 3; H226 Acute Tox. 4; H332	(1)(10)	Constituent

Created by: Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG)

Technische Schoolstraat 43 A, B-2440 Geel

http://www.big.be

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Reason for revision: 3

Revision number: 0400 Product number: 56905

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Date of revision: 2019-03-01

134-15960-640-en

1/11

hydrocarbons, C13-C23, n-alkan	es, isoalkanes, cyclics,		1% <c<10%< th=""><th>Asp. Tox. 1; H30</th><th>4</th><th>(1)(10)</th><th>Constituent</th></c<10%<>	Asp. Tox. 1; H30	4	(1)(10)	Constituent
<0.03% aromatics							
01-2119552497-29							

(1) For H-statements in full: see heading 16

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

General:

If you feel unwell, seek medical advice.

After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

After skin contact:

Rinse with water. Soap may be used. Take victim to a doctor if irritation persists.

After eye contact:

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.

After ingestion:

Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Consult a doctor/medical service if you feel unwell.

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

4.2.1 Acute symptoms

After inhalation:

No effects known.

After skin contact:

No effects known.

After eye contact: No effects known.

After ingestion:

No effects known.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Adapt extinguishing media to the environment for surrounding fires.

5.1.2 Unsuitable extinguishing media:

Not applicable.

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

Upon combustion: formation of CO, CO2 and small quantities of nitrous vapours, hydrogen chloride.

### 5.3. Advice for firefighters

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

## SECTION 6: Accidental release measures

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

6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing.

Suitable protective clothing

See heading 8.2

#### 6.2. Environmental precautions

Contain released product. Use appropriate containment to avoid environmental contamination.

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

Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

#### 6.4. Reference to other sections

See heading 13.

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## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

## 7.1. Precautions for safe handling

Observe normal hygiene standards. Keep container tightly closed.

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

#### 7.2.1 Safe storage requirements:

Store at room temperature. Keep only in the original container. Meet the legal requirements. Max. storage time: 1 year(s).

#### 7.2.2 Keep away from:

No data available.

#### 7.2.3 Suitable packaging material:

Synthetic material, polyethylene.

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

#### 8.1.1 Occupational exposure

## a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

## b) National biological limit values

If limit values are applicable and available these will be listed below.

#### 8.1.2 Sampling methods

If applicable and available it will be listed below.

## 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

#### 8.1.4 Threshold values

#### **DNEL/DMEL - Workers**

trimethoxyvinylsilane

Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	27.6 mg/m³	
	Long-term systemic effects dermal	3.9 mg/kg bw/day	

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Effect level (DNEL/DMEL)	Type V		Value	Remark
				No data available

## DNEL/DMEL - General population

trimethoxyvinylsilane

Effect level (DNEL/DMEL)		Гуре	Value	Remark
DNEL	L	ong-term systemic effects inhalation	18.9 mg/m³	
	Ī	ong-term systemic effects dermal	7.8 mg/kg bw/day	
	Ī	ong-term systemic effects oral	0.3 mg/kg bw/day	

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Effect level (DNEL/DMEL)	Туре		Value	Remark
				No data available

#### **PNEC**

trimethoxyvinylsilane

Compartments	Value	Remark
Fresh water	0.4 mg/l	
Aqua (intermittent releases)	2.4 mg/l	
Marine water	0.04 mg/l	
STP	6.6 mg/l	
Fresh water sediment	1.5 mg/kg sediment dw	
Marine water sediment	0.15 mg/kg sediment dw	
Soil	0.055 mg/kg soil dw	

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Compartments	Value	Remark
		No data available

## 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

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Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

#### 8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Respiratory protection not required in normal conditions.

## b) Hand protection:

Gloves.

c) Eye protection:

Eye protection not required in normal conditions.

#### d) Skin protection:

Protective clothing.

## 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical form		Paste Paste
Odour		Characteristic odour
Odour threshold		No data available
Colour		Variable in colour, depending on the composition
Particle size		No data available
Explosion limits		Not applicable
Flammability		Non-flammable
Log Kow		Not applicable (mixture)
Dynamic viscosity		No data available
Kinematic viscosity		No data available
Melting point		No data available
Boiling point		No data available
Evaporation rate		No data available
Relative vapour density		Not applicable
Vapour pressure		No data available
Solubility		No data available
Relative density		1.504; 20 °C
Decomposition tempera	ture	No data available
Auto-ignition temperatu	re	Not applicable
Flash point		Not applicable
Explosive properties		No chemical group associated with explosive properties
Oxidising properties		No chemical group associated with oxidising properties
рН		No data available

## 9.2. Other information

Absolute density 1504 kg/m³; 20 °C

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

No data available.

## 10.2. Chemical stability

Stable under normal conditions.

## 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

Upon combustion: formation of CO, CO2 and small quantities of nitrous vapours, hydrogen chloride.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

11.1.1 Test results

## Acute toxicity

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No (test)data on the mixture available

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Judgement is	based on the rel	evant ingredients

trimethoxyvinylsilane

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value	Remark
						determination	
Oral	LD50	Equivalent to OECD	7120 mg/kg bw -		Rat (male / female)	Experimental value	
		401	<mark>7236 mg</mark> /kg bw				
Dermal	LD50	Equivalent to OECD	3259 mg/kg bw -	24 h	Rabbit (female)	Converted value	
		402	3880 mg/kg bw	1			
Inhalation (vapours)	LC50	Equivalent to OECD	16.8 mg/l	4 h	Rat (male / female)	Experimental value	
		403					

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Route of exposure	Parameter	Method	Value	Exposure time	-	Value determination	Remark
Oral	LD50	OECD 401	> 5000 mg/kg bw			Experimental value	
Dermal	LD50	OECD 402	> 3160 mg/kg bw	24 h	Rabbit (male / female)	Experimental value	
Inhalation (aerosol)	LC50	OECD 403	> 5266 mg/m³ air	4 h	Rat (male / female)	Experimental value	

#### Conclusion

Not classified for acute toxicity

#### Corrosion/irritation

#### Fix All Turbo

No (test)data on the mixture available

Judgement is based on the relevant ingredients

trimethoxyvinylsilane

Route of exposure	Result	Method	Exposure time	Time point		Value determination	Remark
Eye	Not irrit <mark>ating</mark>	OECD 405	24 h	1; 24; 48; 72 hours	Rabbit	Experimental value	
Skin	Not irrit <mark>ating</mark>		24 h	24; 48; 72 hours	Rabbit	Experimental value	

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Route of exposure	Result	Method			Value determination	Remark	
Eye	Not irritating	OECD 405	24 h	24; 48; 72 hours	Rabbit	Experimental value	
Skin	Not irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Experimental value	
Skin	Not irrit <mark>ating</mark>	Other	24 h	24; 48; 72 hours	Human	Experimental value	

## Conclusion

Not classified as irritating to the skin

Not classified as irritating to the eyes

Not classified as irritating to the respiratory system

## Respiratory or skin sensitisation

## Fix All Turbo

No (test)data on the mixture available

Judgement is based on the relevant ingredients

 $\underline{\mathsf{trimethoxyvinylsilane}}$ 

Route of exposure	Result	Method	Observation time point	Species	Value determination	Remark
Skin	Not sens <mark>itizing</mark>	OECD 406	•	Guinea pig (male / female)	Experimental value	

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Route of exposure	Result	Method		Observation time point	Species	Value determination Remark	
Skin	Not sens <mark>itizing</mark>	OECD 406	24 h	•	Guinea pig (female)	Read-across	
Skin	Not sens <mark>itizing</mark>	Other	216 h	,	Human (male /	Experimental value	

## Conclusion

Not classified as sensitizing for skin Not classified as sensitizing for inhalation

## Specific target organ toxicity

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No (test)data on the mixture available

Judgement is based on the relevant ingredients

trimethoxyvinylsilane

Route of	<b>Paramet</b>	er Method	Value	Organ	Effect	Exposure time	Species	Value
exposure								determination
Oral (stomach	NOAEL	OECD 422	62.5 mg/kg		No effect	6 weeks (daily) - 8 weeks	Rat (male /	Experimental
tube)			bw/day			(daily)	female)	value
Oral (stomach	LOAEL	OECD 422	250 mg/kg	Bladder	Histopathologi	6 weeks (daily) - 8 weeks	Rat (male /	Experimental
tube)			bw/day		cal changes	(daily)	female)	value
Inhalation	NOAEC	Subchronic	100 ppm		No effect	14 weeks (6h / day, 5	Rat (male /	Experimental
(vapours)		toxicity test				days / week)	female)	value

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Route of	<b>Paramete</b>	Method	Value	Organ	Effect	Exposure time	Species	Value
exposure								determination
Oral	NOAEL	•	≥ 5000 mg/kg bw/day		No effect	( //	Rat (male / female)	Read-across
Inhalation	NOAEC	Equivalent to	> 10400 mg/m <sup>3</sup>		No effect	13 weeks (6h / day, 5	Rat (male /	Read-across
(vapours)		OECD 413	air			days / week)	female)	

Conclusion

Not classified for subchronic toxicity

## Mutagenicity (in vitro)

## Fix All Turbo

No (test)data on the mixture available

trimethoxyvinylsilane

Result	Method	Test substrate	Effect	Value determination
Positive with metabolic activation, positive without metabolic activation	OECD 473	CHL/IU cells	Chromosome aberrations	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 476	Chinese hamster ovary (CHO)		Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S.typhimurium)	No effect	Experimental value

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Method

Result	Method	Test substrate	Effect	Value determination
Negative	Equivalent to OECD 471	Bacteria (S.typhimurium)		Experimental value

## Mutagenicity (in vivo)

## Fix All Turbo

No (test)data on the mixture available

Judgement is based on the relevant ingredients

trimethoxyvinylsilane

Result

Negative (Inhalation (vapo	urs))	OECD 489	<mark>3 day</mark> s (1x / day)	Rat (female)		Experimental value			
rdrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics									
Result		Method	Exposure time	Test substrate	Organ	Value determination			
Negative		Equivalent to OECD	8 weeks (6h / day, 5	Mouse (male)		Read-across			
		483	days / week)						
Negative		Equivalent to OECD		Rat (male / female)		Read-across			
		475							
Negative		Equivalent to OECD		Mouse (male / female)		Read-across			
		474							

Test substrate

Organ

Value determination

Exposure time

## Conclusion

Not classified for mutagenic or genotoxic toxicity

## Carcinogenicity

## Fix All Turbo

No (test)data on the mixture available

Judgement is based on the relevant ingredients

## Conclusion

Not classified for carcinogenicity

## Reproductive toxicity

## Fix All Turbo

No (test)data on the mixture available
Judgement is based on the relevant ingredients

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trimethoxyvinylsilane
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	Parameter	Method	Value	Exposure time	Species	Effect	9	Value determination
Developmental toxicity (Inhalation (vapours))	T	EPA OTS 798.4350		10 days (gestation, 6h / day)	Rat (female)	No effect		Experimental value
Maternal toxicity (Inhalation (vapours))	T	EPA OTS 798.4350		10 days (gestation, 6h / day)	Rat (female)	No effect		Experimental value
Effects on fertility (Oral (stomach tube))	NOAEL (P)		1000 mg/kg bw/day	≤ 43 day(s)	Rat (male)	No effect		Experimental value

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	Equivalent to OECD 414	> 1000 mg/kg bw/day	10 day(s)	Rat	No effect		Experimental value
Effects on fertility	NOAEC	Equivalent to OECD 416	≥ 1500 ppm	13 weeks (6h / day, 5 days / week)	Rat (male / female)	No effect		Read-across
	NOAEC	Equivalent to OECD 421	≥ 300 ppm	8 weeks (6h / day, 5 days / week)	Rat (male / female)	No effect		Read-across
	NOAEL	Equivalent to OECD 422	> 1000 mg/kg bw/day	6 weeks (daily)	Rat (male / female)	No effect		Read-across

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

Fix All Turbo

No (test)data on the mixture available

Chronic effects from short and long-term exposure

Fix All Turbo

No effects known.

# SECTION 12: Ecological information

## 12.1. Toxicity

Fix All Turbo

INTELLED								
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity crustacea	EC50	OECD 202	706 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value of similar product
Toxicity algae and other aquation plants	EC50	OECD 201	731 mg/l		Pseudokirchnerie lla subcapitata	Static system		Experimental value of similar product
	NOEC	OECD 201	250 mg/l		Pseudokirchnerie Ila subcapitata	Static system		Experimental value of similar product

Judgement of the mixture is based on test data on the mixture as a whole

trimethoxyvinylsilane

THICK TOXY VIITY ISHATIC									
		Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes		LC50		<mark>191 m</mark> g/l	96 h	Oncorhynchus mykiss			Experimental value; Nominal concentration
Acute toxicity crustacea			EU Method C.2	168.7 mg/l	48 h	Daphnia magna	Static system		Experimental value; GLP
Toxicity algae and other aquaplants	atic	ErC50		> 89 mg/l	72 h	Pseudokirchnerie Ila subcapitata	Static system		Experimental value; GLP
		NOEC		> 89 mg/l	72 h	Pseudokirchnerie Ila subcapitata	Static system		Experimental value; GLP
Long-term toxicity fish					1				Data waiving
Long-term toxicity aquatic crustacea		NOEC	OECD 211	28.1 mg/l	21 day(s)		Semi-static system		Experimental value; GLP

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Acute toxicity fishes  Acute toxicity crustacea Toxicity algae and other aquatiplants Long-term toxicity fish  Long-term toxicity aquatic crustacea Toxicity aquatic microorganisms  Conclusion Not classified as dangerous for the conclusion of the	NOEL NOEL EC50 he environmen	OECD 203 Other ISO 10253 OECD 209	> 319 > 100 > 100	93 mg/l 000 mg/l	96 h 48 h 72 h 28 day(s) 21 day(s)	Scophthalmus maximus Acartia tonsa Skeletonema costatum Oncorhynchus mykiss		water	Experimental va  Experimental va  Experimental va
Toxicity algae and other aquatiplants Long-term toxicity fish Long-term toxicity aquatic crustacea Toxicity aquatic microorganisms  onclusion Not classified as dangerous for the company of the company	NOEL NOEL EC50  he environmen	ISO 10253	> 100 > 100 > 100	000 mg/l	72 h 28 day(s)	Acartia tonsa Skeletonema costatum Oncorhynchus			Experimental va
Toxicity algae and other aquatiplants Long-term toxicity fish Long-term toxicity aquatic crustacea Toxicity aquatic microorganisms  onclusion Not classified as dangerous for the company of the company	NOEL NOEL EC50  he environmen	ISO 10253	> 100 > 100 > 100	000 mg/l	72 h 28 day(s)	Skeletonema costatum Oncorhynchus			Experimental va
plants Long-term toxicity fish Long-term toxicity aquatic crustacea Toxicity aquatic microorganisms  onclusion Not classified as dangerous for the companion of	NOEL NOEL EC50 he environmen		> 100	00 mg/l	28 day(s)	costatum Oncorhynchus			
Long-term toxicity aquatic crustacea Toxicity aquatic microorganisms  conclusion Not classified as dangerous for the classifie	NOEL EC50 he environmen	OECD 209	> 100						QSAR
crustacea Toxicity aquatic microorganisms  conclusion Not classified as dangerous for the conclusion and degree trimethoxyvinylsilane Biodegradation water	EC50	OECD 209		00 mg/l	21 daylel			1	
Toxicity aquatic micro- organisms  onclusion  Not classified as dangerous for the classified a	he environmen	OECD 209	> 100		- + auy(3)	Daphnia magna			QSAR
organisms  onclusion  Not classified as dangerous for the clas	he environmen	OECD 209	> 100						<u> </u>
Not classified as dangerous fo <mark>r t</mark> 2.2. Persistence and degr trimethoxyvinylsilane Biodegradation water			100	) mg/l	3 h	Activated sludge	Static syste	m Fresh water	Experimental va
	auability	t according to	the crit	teria of R	egulation (E	:C) No 1272/2008			
ivietnoa		h/alice			ln			Value determine	4:
		Value				ration		Value determina	
OECD 301F: Manometric Res		51 %; GLP			28 (	day(s)		Experimental val	ue
Phototransformation air (DT5) Method	0 air)	Value			Cor	nc. OH-radicals		Value determina	ition
		0.56 day(s)				0000 /cm <sup>3</sup>		Calculated value	
Half-life water (t1/2 water)		0.50 day(5)			500	000 / 6111		carcalated value	
Method		Value				mary gradation/mineralisa		Value determina	ition
OECD 111: Hydrolysis as a fu	nction of pH	< 2.4 h; pH =	= 7		Prin	nary degradation		Weight of evider	ice
nydrocarbons, C13-C23, n-alkane	es, isoalkanes,	cyclics, <0.03%	6 aroma	atics					
Biodegradation water		h					-		
Method		Value				ration		Value determina	
OECD 306: Biodegradability i		74 %			28 0	day(s)	!	Experimental val	ue
Phototransformation water (E Method	D150 water)	Value			Cor	nc. OH-radicals		Value determina	ation
ivietriou		No effect			COI	ic. Off-radicals		value determine	ition
Half-life soil (t1/2 soil)		No effect		_					
Method		Value				mary gradation/mineralisa		Value determina	ition
		No effect							
onclusion Contains non readily biodegra <mark>da</mark>	ible componen	t(s)							
2.3. Bioaccumulative pote	ential								
All Turbo									
ng Kow								<b></b>	
	emark lot applicable (ı		Value			Temperature		Value determin	nation
trimethoxyvinylsilane	.,	,							
Log Kow Method	Remark		Val	ue		Temperature		Value dete	rmination
KOWWIN	Komun		1.1	_		20 °C		QSAR	·······································
hydrocarbons, C13-C23, n-alkane	es, isoalkanes,	cyclics, <0.03%				1		1-4	
Log Kow									
Method	Remark		Val	ue		Temperature		Value dete	rmination
	No data avai	able							
onclusion									
Cambalina bias ser ser 1 st	onent(s)								
Contains bioaccumulative com <mark>p</mark> o <b>2.4. Mobility in soil</b>									
						Publicatio	n date: 2015	5-12-18	

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#### trimethoxyvinylsilane

(log) Koc

Parameter	Method	Value	Value determination
			Data waiving

Volatility (Henry's Law constant H)

Value	Method	Temperature	Remark	Value determination
8.72E-5 atm m³/mol		<mark>25 ℃</mark>		Estimated value

hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

#### Percent distribution

Method	Fraction air	 Fraction sediment	Fraction soil	Fraction water	Value determination
Mackay level III	8.3 %	83.2 %	7.4 %	1 %	Calculated value

#### Conclusion

Contains component(s) that adsorb(s) into the soil

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

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

## 12.6. Other adverse effects

Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

## 13.1. Waste treatment methods

#### 13.1.1 Provisions relating to waste

#### **European Union**

Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other waste codes may be applicable.

## 13.1.2 Disposal methods

Recycle/reuse. Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment.

## 13.1.3 Packaging/Container

### **European Union**

Reason for revision: 3

Waste material code packaging (Directive 2008/98/EC).

15 01 02 (plastic packaging).

## **SECTION 14: Transport information**

## R

	land waterways (ADN), Sea (IN	MDG/IMSBC), Air (ICAO-TI/IATA-DGR)	
14.1. UN number			
Transport		Not subject	
14.2. UN proper shipping nar	me		
14.3. Transport hazard class(	es)		
Hazard identification nur	nber		
Class			
Classification code			
14.4. Packing group			
Packing group			
Labels			
14.5. Environmental hazards			
Environmentally hazardo	ous substance mark	no	
14.6. Special precautions for	user		
Special provisions			
Limited quantities			
14.7. Transport in bulk accor	ding to Annex II of Marpol and the IBC	Code	
Annex II of MARPOL 73/7	78	Not applicable, based on available data	

Revision number: 0400 Product number: 56905 9/11

Publication date: 2015-12-18

Date of revision: 2019-03-01

# SECTION 15: Regulatory information

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

VOC content Directive 2010/75/EU

VOC content		Remark	
3.81 % - 3.87 %			
57.28 g/l - 58.24 g/l			

## REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market

imethoxyviny/silane cyricles and cyricles an			onditions of restriction
ordinates, Cyclics, 90.03% aromatics  ECN No.1272/2008: a) hazard classes of the following hazard classes or categories set out in Americ to Regulation  ECN No.1272/2008: a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8  kpres. A and 8, 2.9, 2.10, 2.12, 2.13 categories  and 2. 2.14 ceteprotes 2 and 2.15 by the Ato  The following for the following hazard classes or the commental and a commental and and a commental and a commental and a commental and a commental and and a commental and a commental and a commental and and a commental and a commental and a commental and analysis and analysis and a commental and analysis and analysi	oi on able and a dealers a	substances or of the mixture	Chall and has send in
or categories set out in Annex to Regulation (ECN No 1272/2018). 4, 2, 6 and 2, 7, 8, 8 hypes A and 8, 2, 9, 10, 21, 2, 21, 31 at egents on a 2, 214 categories 1 and 2, 215 types A to 8, 2, 9, 10, 212, 213, 10 at egents and 2, 215 types A to 8, 2, 9, 10, 212, 213 at egents and 2, 214 categories 1 and 2, 215 types A to 8, 2, 9, 10, 212, 213 at egents and 2, 215 types A to 8, 2, 9, 10, 212, 213 at egents and 2, 215 types A to 8, 2, 9, 10, 212, 213 at egents and 2, 215 types A to 8, 2, 3, 3 and 3, 10, 36, 37 dats at 10, 3			
EC) No. 1272/2008.   a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8   spes A and 8, 2.9, 2.10, 2.12, 2.13 ategories and 2, 2.14 cyclegories and 2, 2.15 types A to A. 5, 5, 10 hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than another classes. Shall mot be placed on the market. Shall mot be used as such as a place with placed by the placed on the market. Shall mot be placed on the market. Shall mot be placed on the market. Shall m	•	, ,	
(a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 hypes A and 8, 2.9, 10, 2.12, 2.13 tespens to 10, 2.15 types A to 5, 2, 2.0, 10, 12, 2.13 tespens to 2, 2.14 cetepories 2 and 2, 2.15 types A to 5, 5, 10 and 2, 2.15 types A to 5, 5, 10 and 2, 2.15 types A to 5, 5, 10 and 2, 2.15 types A to 5, 5, 10 and 2, 2.15 types A to 5, 5, 10 and 2, 2.15 types A to 5, 5, 10 and 2, 2.15 types A to 5, 5, 10 and 2, 2.15 types A to 6, 2.25 types A to 7, 2.25 types A to 7, 2.25 types A to 8, 2.25 types A to 9, 2.25 types	valkaries, cyclics, <0.03/0 aromatics		
ond 2, 2.14 ceptors and 2, 2.15 types A to 2. And ceptors and 2, 2.15 types A to 2. And ceptors and 2, 2.15 types A to 2. And ceptors and 2, 2.15 types A to 2. And ceptors and 2, 2.15 types A to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than acrotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1. (e) hazard class 4.1; (d) hazard class 5.1. (e) hazard class 4.1; (e) hazard class 5.1. (e) hazard class 6.1; (e)		, , ,	
and 2, 2.14 categories 1 and 2, 2.15 types Ap. 2. Articles not complying with paragraph 1 shall not be placed on the market if the part of the paragraph 1 shall not be placed on the market if the paragraph 2 shall not be placed on the market if the paragraph 3 shall not be placed on the market if the paragraph 3 shall not be placed on the market the described illumps for supply to the general public, and, present an aspiration hazard and are labelled with H304, incorporate oil lamps for supply to the general public, and, present an aspiration hazard and are labelled with H304, which is the placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 3 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the paragraph 1 shall not be placed on the market which is the			
is, b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects of the classification and fertility or on development, 3.8 effects of the classification and fertility or on development, 3.8 effects of the characteristic or on development, 3.8 effects of the characteristic or on development, 3.8 effects of the characteristic of the control o			
fiscal reasons, or perfume, or both, if they: effects on several function and ferrility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.  In a special public and the properties of the properties			
effects on sexual function and refutility or on- development, 3.8 effects of serb an arcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.  (d) hazard class 5.1.  (e) hazard class 5.1.  (f) hazard class 5.1.  (h) hazard class 6.1.  (h) hazard class 6.1.  (h) hazard class 6.1.			
development, 3.8 effects other than narcotic effects, 39 and 3.10; (c) hazard class 4.1; (d) hazard class 4.1; (d) hazard class 5.1.  The European Committee for Standards become becomitted for Standards and Decrotive oil lamps (EN 14059) and the surprise of the European Standard on Decrotive oil lamps (EN 14059) and the surprise of the European Standard on Decrotive oil lamps (EN 14059) and the European Committee for Standardsation (CEN).  S. Without prejudice to the implementation of other Community provisions relating to classification, packaging and labelling of dangerous substances and mixtures, suppliers ensure, before the placing on the market, that the following requirements are met.  a) Jampo oils, labelled with H304, intended for supply to the general public are lead in dideliby marked by 1 December 2010, Just as ip of prill lighter may be and indeliby marked by 1 December 2010, which is the supplier of			
effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.  4. Decorative oil lamps (for supply to the general public shall not be placed on the market long standard on Decorative oil lamps (for 14059) and by the European Committee for Standardisation (CEN).  5. Without prejudice to the implementation of other Community provisions relating to classification, packaging and label lamps (the 14th ten following requirements are met: a) lamp oils, abelled with H304, intended for supply to the general public are visibly, le and indelibly marked as follows: "Yeas planps filled with H304, intended for supply to the general public are visibly, le and indelibly marked as follows: "Yeas planps filled with H304, intended for supply to the general public are le and indelibly marked by 1 December 2010, "Just a sip of grill lighter may lead in direlibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead in direlibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead in the supplementation of the proper and the supplementation of the supplementation with a view ban, if appropriate, grill lighter fluids, lightled with H304, intended for supply to the general public are lead to prepare a dossier, in accordance with Article 69 of the present Regulation with a view ban, if appropriate, grill lighter fluids of rederative lange, liabelled H304, intended for supply to the general public.  7. Natural or legal persons placing on the market for the first time lamp oils and grill light fluids, labelled with H304, shall by 1 December 2011, and annually thereafter, provide the ban, if appropriate, grill lighter fluids is balled H304 to the competent with in the Member State concerned. Member State conserved with make those data available to the Commission.  5. Natl not be used, as substance or as mixtures in aerosoi dispensers where these aer stategory 1 or 2, or 3, prophoric liquids categories 1, 2 or 3, flammable liquids categories 1, 2 or 3, flammable liquids categories 1, 2 or 3			
(c) hazard class 4.1; (d) hazard dass 5.1.  whese they conform to the European Community provisions relating to dassification, packaging and labelling and analysing encous substances and mixtures suppliers ensure, before the placing on the market, that the following requirements are met: s) alamp oils, labelled with H304, intended for supply to the general public are visibly, leand indelibly marked as follows: "Keeps lamps filled with this liquid out of the reach of childrent"; and, by 1 December 2010. Pace place 2010 as follows: "Just a sip of amp oil — or even sucking the wick lamps — may lead to life. threatening lung damage"; b) girll lighter filliads, labelled with H304, intended for supply to the general public are leand indelibly marked by 1 December 2010. As follows: "Just a sip of girll lighter may lead to life. threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are leanding the prepare a dosier; in accordance which 69 of the present Regulation with a prepare a dosier; in accordance which 69 of the present Regulation with 404, intended for supply to the general public or alternative sto lamp oils and grill lighter fluids abelied H304 to the competent auth in the Member State concerned. Member State shall make those data available to the commission.  In all light the supplied of the present supplied or the present supplied or the general public for entertainment and decorate with water, emit flammable gases category 1 or 2 prophonic cliquids categories of the supplied or supplied to the general public for entertainment and decorate with the water supplied or the supplied or supplied or the		· · · · · · · · · · · · · · · · · · ·	
by the European Committee for Standardisation (CEN). S. Without prejudice to the implication of other Community provisions relating to classification, packaging and labelling of diagrect, that the following requirements are met: a) lamp oils, labelled with H304, intended for supply to the general public are visibly, le and indelibly marked as follows: This liquid out of the reach of children"; and, by 1 December 2010, "flust a sip of almp oil — or even sucking the wick lamps — may lead to life: threatening lung diamage"; b) grill lighter fluids, labelled with H304, intended for supply to the general public are led and indelibly marked by 1 December 2010 and indelibly marked by 1 December 2010. S. No later than 1 June 2014, the Commission shall request the European Chemicals Ag to prepare a dossier, in accordance with Article 90 of the present Regulation with a view ban, if appropriate, grill lighter fluids, labelled with H304, intended for supply to the general public and intended for supply to the general public and prepare a dossier, in accordance with Article 90 of the present Regulation with a view ban, if appropriate, grill lighter fluids labelled H304, intended for supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill light fluids, labelled with H304, shall by 1 December 2011, and annually thereafter, provide an alternatives to lamp oils and grill per fluids labelled with H304, shall by 1 December 2011, and annually thereafter, provide on alternatives to lamp oils and griller fluids labelled with H304, shall by 1 December 2011, and annually thereafter, provide on alternatives to lamp oils and griller fluids labelled with H304, shall by 1 December 2011, and annually thereafter, provide on alternatives to lamp oils and griller fluids labelled with H304, shall by 1 December 2011, and annually thereafter, provide on alternatives to lamp oils and griller fluids labelled with H304, shall by 1 December 2011, and annually thereafter, provide dispens			
S. Without prejudice to the limplementation of other Community provisions relating to dissification, packaging and labelling of diangerous substances and mixtures, suppliers ensure, before the placing on the market, that the following requirements are met: a) lamp oils, labelled with 1940, but as a jor of lamp of are visibly, le and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 10 incember 2010, as a jor of lamp oil — or even sucking the wick lamps — may lead to life: threatening lung damage"; b) grill lighter fluids, labelled with 1940, altended for supply to the general public are le and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage"; c) clamp oils and grill lighters, labelled with H304, intended for supply to the general public threatening lung damages; c) clamp oils and grill lighters, labelled with H304, intended for supply to the general public.  S. No later than 1 June 2014, the Commission shall request the European Chemicals Ago to prepare a dossier, in accordant Pricise 90 of the present Regulation with a view ban, if appropriste, grill lighter fluids and fuel for decorative lamps, labelled H304, intended for supply to the general public.  Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids labelled H304 to the competent auth in the Member State shall make those data available to the Commission.'  In a complete the proposition of the prophyrophoric liquids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, contact with the substance of the prophyrophyrophyrophyrophyrophyrophyroph			
disasification, packaging and labelling of dangerous substances and mixtures, suppliers ensure, before the placing on the replacing the placing by the period public are wistby, lead in dielibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of famp oil — or even sucking the wick lamps — may lead to life: threatening liquid painage"; b) grill lighter fluids, labelled with H304, intended for supply to the general public are lead indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are in packaged in black poque containers not exceeding. I litre by 1 December 2010.  5. No later than 1 June 2014, the Commission shall request the European Chemicals Age to prepare a dossier, in accordancy that rotice 90 of the present Regulation with a view ban, if appropriate, grill lighter fluids and fuel for decorative lamp, labelled H304, intended for supply to the general public.  7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with H304, shall by 1 December 2011, and annually thereafter, provide on alternatives to lamp oils and grill lighter fluids labelled H304 to the competent authin in the Member State concerned. Member States shall make those data available to the Commission.  In the Member State concerned. Member States shall make those data available to the Commission.  In the Member State concerned. Member States shall make those data available to the Commission.  In the Member State concerned. Member States shall make those data available to the Commission.  In the Member State concerned. Member States shall make those data available to the Commission.  In the Member State concerned. Member States shall make those data available to the Commission.  In the Market State Concerned. Member States shall make those data available			
ensure, before the placing on the market, that the following requirements are mish; a lang noil, ablelled with H180, bablel and with this liquid out of the reach of children, and, by 1 December 2010, that as job fall fluid reach of children, and, by 1 December 2010, so fallows: "use a sip of grill lighter may lead to life. threatening lung damage";  b) grill lighter fluids, labelled with H304, lintended for supply to the general public are lead in delibly marked by 1 December 2010 as follows: "ust a sip of grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighters, jabelled with H304, intended for supply to the general public are lead in delibly marked by 1 December 2010.  6. No faiter than 1 June 2014, the Commission shall request the European Chemical Set to prepare a dossier, in accordance with Article 69 of the present Regulation with a vie ban, if appropriate, grill lighter lides date of the decention of the first time lamp oils and grill lighter for supply to the general public.  7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids balled H304 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission.'  methoxyviny/silane  Substances classified as flammable gases category 1 or 2, slammable solids category 1 or 2, slammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not.  1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol signers are intended for supply to the general public for entertainment and decorate with water, emit flammable gases, category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not.  1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for ente		5.	Without prejudice to the implementation of other Community provisions relating to
a) lamp oils, labelled with 14304, intended for supply to the general public are visibly, le and indiably marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "ust as jod lamp oil — or even sucking the wick lamps — may lead to life. Thereaening lung damage"; b) grill lighter fluids, labelled with 14304, intended for supply to the general public are lead indiably marked by 1 December 2010 as follows: "sut a sip of grill lighter may lead if the threatening lung damage"; c) lamp oils and grill lighters, labelled with 14304, intended for supply to the general public are leading to prepare a dossier, in accordance with Article 69 of the present Regulation with a vein if appropriate, grill lighter fluids and for the present Regulation with a vein for supply to the general public. Z is natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids and light on the market for the first time lamp oils and grill lighter fluids and light on the market for the first time lamp oils and grill lighter fluids abelied H3404 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission."  In a substances classified as flammable gases category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or		cla	assification, packaging and labelling of dangerous substances and mixtures, suppliers
and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December Jou," sut as jot planpoil — or even sucking the wick lamps — may lead to life. threatening lung danage;" b) grill lighter fluids, labelled with H304, intended for supply to the general public are le and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are leading fill lighters, labelled with H304, intended for supply to the general public are labelled and grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighter may lead to prepare a dossier, in accordance with hardce 69 of the present Regulation with a vie ban, if appropriate, grill lighter and large for supply to the general public.  7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter for supply to the general public.  7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids labelled H304 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission.'  methoxyviny/silane  Substances classified as flammable gases category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, regardless of which was a substance or as mixtures		en	nsure, before the placing on the market, that the following requirements are met:
children", and, by 1 December 2010, "suts a sip of lamp oil — or even sucking the wick lamps — may lead to life: threatening lung damage"; b) grill lighter fluids, labelled with H304, intended for supply to the general public are le and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage;" c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are leaded in the label was a coordance with Article 69 of the present Regulation with we be loan, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled H304, interior supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids and fuel for decorative lamps, labelled H304, interior supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids labelled H304 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission.'  Substances classified as flammable gases category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids categories of whether they appear in Part 3 of Annex VI to that Regulation or not.  1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aer dispensers are intended for supply to the general public for entertainment and decoration or a substance or a mixture in aerosol dispensers where these aerosol services are intended for supply to the general public for entertainment and decoration or a substance or a mixture in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decoration or a supplement of the suppleme		a)	lamp oils, labelled with H304, intended for supply to the general public are visibly, leg
lamps — may lead to life- threatening lung damage"; b) grill lighter fluids, labeller fluids, labeller this 1340, intended for supply to the general public are le and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighters, jabelled with H304, intended for supply to the general public are le and indelibly marked by 1 December 2010. 6. No later than 1 June 2014, the Commission shall request the European Chemicals Ag to prepare a dossier, in accordance with Article 69 of the present Regulation with a view ban, if appropriate, grill lighter fluids and fluel for decorative lamps, labelled H304, intended for supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids labelled H304 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission.'  1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aer dispensers are intended for supply to the general public for entertainment and decorat purposes such as the following:		an	nd indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of
b) grill lighter fluids, labelled with 1904, intended for supply to the general public are le and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. 6. No later than 1 June 2014, the Commission shall request the European Chemicals Ag to prepare a dossier, in accordance with Article 69 of the present Regulation with a were ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled H304, intended for supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids and fuel for decorative lamps, labelled H304 to the competent auth in the Member State shall make those data available to the Commission.'  Substances classified as flammable gases category 1 or 2, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, prophoric liquids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, prophoric liquids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not.  In the Member State concerned, he following:  In the Member State substance or as mixtures in aerosol dispensers where these aer dispensers are intended for supply to the general public for entertainment and decorate with water, emit flammable gases, category 1, 2 or 3, prophoric liquids category 1 or 2, substances are intended for supply to the general public for entertainment and decorate with the propher substances, supplier substances, supplier substances, supplier substances, artificial cobwebs, in initiation exceeding the propher substances, suppliers shall ensure b		chi	nildren"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick
and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general put are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. 6. No later than 1 June 2014, the Commission shall request the European Chemicals Ag to prepare a dossier, in accordance with Article 69 of the present Regulation with a view ban, if appropriate, griller fluids and fuel for decorative lamps, labelled H304, intended for supply to the general public.  7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids abelled H304 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission.*  Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, flammable solids category 1		lar	mps — may lead to life- threatening lung damage";
and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead life threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general put are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. 6. No later than 1 June 2014, the Commission shall request the European Chemicals Ag to prepare a dossier, in accordance with Article 69 of the present Regulation with a view ban, if appropriate, griller fluids and fuel for decorative lamps, labelled H304, intended for supply to the general public.  7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids abelled H304 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission.*  Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, flammable solids category 1		b)	grill lighter fluids, labelled with H304, intended for supply to the general public are le
life threatening lung damage"; c) lamp oils and grill lighters, labelled with H304, intended for supply to the general put are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. 6. No later than 1 June 2014, the Commission shall request the European Chemicals Ag to prepare a dossier, in accordance with Article 60 of the present Regulation with a vie ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled H304, inter for supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids labelled H304 to the competent auth in the Member State concerned. Member States shall make those data available to the Commission.¹  Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, prophoric liquids category 1 or pyrophoric solids category 1 or pyrophoric solids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not.  In the Member State concerned. Member States shall make those data available to the Commission.¹  Substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, gharmable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, egardless of whether they appear in Part 3 of Annex VI to that Regulation or not.  In the Member State concerned. Member States shall make those data available to the Commission.¹  In the Member State concerned. Member States shall make those data available to the Commission.¹  In the Member States on the market for supply to the general public for entertainment and decoration, and the state of the part of the state of t			
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<ul> <li>— stink bombs.</li> <li>2. Without prejudice to the application of other Community provisions on the classifica packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, leg and indelibly with:  "For professional users only".</li> <li>3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC.</li> <li>4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.</li> </ul>			
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Notice of the defection Profession		ma	arket unless they conform to the requirements indicated.
	National legislation Belgium Fix All Turbo		

No data available

## National legislation The Netherlands

Fix All Turbo

Reason for revision: 3 Publication date: 2015-12-18 Date of revision: 2019-03-01

Revision number: 0400 Product number: 56905 10/11

	(4) 41 (4.54)	
Waterbezwaarlijkheid	(4); Algemene Beoordelingsmethodiek (ABM)	

#### **National legislation France**

Fix All Turbo

No data available

#### National legislation Germany

Fix All Turbo

WGK 1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017

trimethoxyvinylsilane
TA-Luft 5.2.5

#### National legislation United Kingdom

Fix All Turbo No data available

#### Other relevant data

Fix All Turbo No data available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

## SECTION 16: Other information

#### Full text of any H-statements referred to under heading 3:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.

(\*) INTERNAL CLASSIFICATION BY BIG

ADI Acceptable daily intake

AOEL Acceptable operator exposure level

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

DMEL Derived Minimal Effect Level
DNEL Derived No Effect Level
EC50 Effect Concentration 50 %

ErC50 EC50 in terms of reduction of growth rate

LC50 Lethal Concentration 50 %

LD50 Lethal Dose 50 %
NOAEL No Observed Adverse Effect Level

NOEC No Observed Effect Concentration
OECD Organisation for Economic Co-operation and Development

PBT Persistent, Bioaccumulative & Toxic
PNEC Predicted No Effect Concentration
STP Sludge Treatment Process

vPvB very Persistent & very Bioaccumulative

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet has been elaborated for use within the European Union, Switzerland, Iceland, Norway and Lichtenstein. It may be consulted in other countries, where local legislation with regards to the set-up of safety data sheets will take precedence. It is your obligation to verify and apply such local legislation. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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