

SAFETY DATA SHEET

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

DOMOSTYL HYB

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

1.1. Product identifier

Product name Registration number REACH Product type REACH : DOMOSTYL HYB

: Not applicable (mixture)

: Mixture

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

1.2.1 Relevant identified uses Adhesive

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

NMC sa Gert-Noël-Strasse B-4731 Eynatten 27 + 32 87 85 85 00 + 32 87 85 85 11 info@nmc.eu

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

	ous according to the c	riteria of Regulation (EC) No 1272/2008
Class	Category	Hazard statements
Aquatic Chronic	category 3	H412: Harmful to aquatic life with long lasting effects.

2.2. Label elements Hazard pictograms

nazara pietograms	
No pictogram is used	
Signal word	No signal word
H-statements	
H412	Harmful to aquatic life with long lasting effects.
P-statements	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P273	Avoid release to the environment.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

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
Created by: Brandweerinformatiecentrum voo Technische Schoolstraat 43 A, B-2440 Geel http://www.big.be © BIG vzw	r gevaarlijke stoffen vzw (BIG)		Publication date: 201	6-12-04	
Revision number: 0000			Product number: 579	911	1/15

N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3 217-164-6	0.1% <c<1%< th=""><th>Eye Dam. 1; H318 Skin Sens. 1; H317</th><th>(1)(10)</th><th>Constituent</th></c<1%<>	Eye Dam. 1; H318 Skin Sens. 1; H317	(1)(10)	Constituent
trimethoxyvinylsilane 01-2119513215-52	2768-02-7 220-449-8	1% <c<10%< td=""><td>Flam. Liq. 3; H226 Acute Tox. 4; H332 STOT RE 2; H373</td><td>(1)(10)</td><td>Constituent</td></c<10%<>	Flam. Liq. 3; H226 Acute Tox. 4; H332 STOT RE 2; H373	(1)(10)	Constituent
bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1- dimethylethyl)-4- hydroxyphenyl]methyl]butylmalonate D1-2119978231-37	63843-89-0 264-513-3	0.01% <c<1%< td=""><td>STOT RE 1; H372 Acute Tox. 4; H302 Aquatic Chronic 1; H410</td><td>(1)(9)</td><td>Constituent</td></c<1%<>	STOT RE 1; H372 Acute Tox. 4; H302 Aquatic Chronic 1; H410	(1)(9)	Constituent
reaction mass of: N,N'-ethane-1,2- diylbis(hexanamide)/12-hydroxy-N-[2-[(1- oxyhexyl)amino]ethyl]octadecanamide/N,N'-ethane- 1,2-diylbis(12-hydroxyoctadecanamide) D1-0000017860-69	432-430-3	2.5% <c<25%< td=""><td>Aquatic Chronic 4; H413</td><td>(1)</td><td>UVCB</td></c<25%<>	Aquatic Chronic 4; H413	(1)	UVCB

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

(9) M-factor, 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. Take victim to an ophthalmologist if irritation persists.

After ingestion:

Rinse mouth with water. 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: Nausea.

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:

Polyvalent foam. ABC powder. Carbon dioxide.

5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

5.2. Special hazards arising from the substance or mixture

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

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. Dam up the solid spill. Prevent soil and water pollution. Prevent spreading in sewers. 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 a soap solution. Wash clothing and equipment after handling.

6.4. Reference to other sections

See heading 13.

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

Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Store in a dry area. Meet the legal requirements. Store at room temperature. Max. storage time: 1 year(s).

- 7.2.2 Keep away from:
- Heat sources.

7.2.3 Suitable packaging material:

Synthetic material.

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 DNEL/PNEC values

DNEL/DMEL - Workers

N-(3-(trimethoxysilyl)propyl)ethylenediamine

Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	35.3 mg/m³	
	Long-term systemic effects dermal	5 mg/kg bw/day	
	Acute systemic effects dermal	5 mg/kg bw/day	

ffect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	2.6 mg/m ³	
	Acute systemic effects inhalation	2.6 mg/m ³	
	Long-term systemic effects dermal	0.2 mg/kg bw/day	
	Acute systemic effects dermal	0.2 mg/kg bw/day	
(1,2,2,6,6-pentamethyl-4-pipe	ridyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate	•
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	0.05 mg/m³	
	Long-term systemic effects dermal	0.07 mg/kg bw/day	
IEL/DMEL - General populatio	<u></u>		
(3-(trimethoxysilyl)propyl)ethy	lenediamine		
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	8.7 mg/m³	
	Long-term systemic effects dermal	2.5 mg/kg bw/day	
	Acute systemic effects dermal	17 mg/kg bw/day	
	Long-term systemic effects oral	2.5 mg/kg bw/day	
methoxyvinylsilane			
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	0.7 mg/m ³	
	Acute systemic effects inhalation	0.7 mg/m ³	
	Long-term systemic effects dermal	0.1 mg/kg bw/day	
	Acute systemic effects dermal	0.1 mg/kg bw/day	
	Long-term systemic effects oral	0.1 mg/kg bw/day	
/1 2 2 C C mantanathul A wina			
Effect level (DNEL/DMEL)	ridyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl Type	<u>Imethyljoutylmaionate</u> Value	Remark
	liybe	value	I/CITICITY
	l ang tarm surtamis offasts inhalation	0.01 mg/m3	
DNEL	Long-term systemic effects inhalation	0.01 mg/m ³	
	Long-term systemic effects inhalation Long-term systemic effects dermal Long-term systemic effects oral	0.01 mg/m³ 33 μg/kg bw/day 3 μg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy	Long-term systemic effects dermal Long-term systemic effects oral <u>vlenediamine</u>	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments	Long-term systemic effects dermal Long-term systemic effects oral <u>vlenediamine</u> Value	33 μg/kg bw/day	
<u>IEC</u> (3-(trimethoxysilyl)propyl)ethy Compartments ^E resh water	Long-term systemic effects dermal Long-term systemic effects oral /lenediamine Value 0.062 mg/l	33 µg/kg bw/day 3 µg/kg bw/day	
<u>IEC</u> (<u>3-(trimethoxysilyl)propyl)ethy</u> C ompartments Fresh water Marine water	Long-term systemic effects dermal Long-term systemic effects oral vlenediamine Value 0.062 mg/l 0.0062 mg/l	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases)	Long-term systemic effects dermal Long-term systemic effects oral vlenediamine 0.062 mg/l 0.0062 mg/l 0.62 mg/l	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP	Long-term systemic effects dermal Long-term systemic effects oral /lenediamine 0.062 mg/l 0.62 mg/l 0.62 mg/l 25 mg/l	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil	Long-term systemic effects dermal Long-term systemic effects oral /lenediamine 0.062 mg/l 0.0062 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment	Long-term systemic effects dermal Long-term systemic effects oral /lenediamine 0.062 mg/l 0.0062 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment	Long-term systemic effects dermal Long-term systemic effects oral /lenediamine 0.062 mg/l 0.0062 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment methoxyvinylsilane	Long-term systemic effects dermal Long-term systemic effects oral //enediamine 0.062 mg/l 0.0062 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw	33 μg/kg bw/day 3 μg/kg bw/day Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.62 mg/l 0.62 mg/l 0.62 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw	33 µg/kg bw/day 3 µg/kg bw/day	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment methoxyvinylsilane	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.023 mg/kg sediment dw	33 μg/kg bw/day 3 μg/kg bw/day Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) GTP Goil Fresh water sediment Marine water sediment Marine water sediment Compartments	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.022 mg/kg sediment dw 0.021 mg/kg sediment dw 0.022 mg/kg sediment dw	33 μg/kg bw/day 3 μg/kg bw/day Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) GTP Goil Fresh water sediment Marine water sediment Marine water sediment methoxyvinylsilane Compartments Fresh water	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.023 mg/kg sediment dw	33 μg/kg bw/day 3 μg/kg bw/day Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment methoxyvinylsilane Compartments Fresh water Marine water	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.22 mg/kg sediment dw Value 0.36 mg/l 0.036 mg/l 1.3 mg/kg sediment dw	33 μg/kg bw/day 3 μg/kg bw/day Remark	
EC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment methoxyvinylsilane Compartments Fresh water Marine water STP	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.22 mg/kg sediment dw 0.22 mg/kg sediment dw 0.36 mg/l 0.036 mg/l 6.6 mg/l	33 μg/kg bw/day 3 μg/kg bw/day Remark	
EC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment Marine water sediment Fresh water STP Fresh water STP	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.22 mg/kg sediment dw Value 0.36 mg/l 0.036 mg/l 1.3 mg/kg sediment dw	33 μg/kg bw/day 3 μg/kg bw/day Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment Marine water STP Fresh water Marine water sediment Marine water sediment Marine water sediment Soil	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.022 mg/kg sediment dw 0.36 mg/l 0.036 mg/l 1.3 mg/kg sediment dw 0.13 mg/kg sediment dw	33 μg/kg bw/day 3 μg/kg bw/day Remark	
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IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment Marine water STP Fresh water STP Fresh water sediment Marine water sediment Marine water sediment Soil (1,2,2,6,6-pentamethyl-4-pipe	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 0.62 mg/l 0.25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.036 mg/l 0.036 mg/l 1.3 mg/kg sediment dw 0.13 mg/kg sediment dw 0.055 mg/kg soil dw eridyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl	33 μg/kg bw/day 3 μg/kg bw/day Remark Remark Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment Marine water STP Fresh water Marine water STP Fresh water sediment Marine water sediment Marine water sediment Soil (1,2,2,6,6-pentamethyl-4-pipe Compartments	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 0.62 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.022 mg/kg sediment dw 0.36 mg/l 0.036 mg/l 1.3 mg/kg sediment dw 0.13 mg/kg sediment dw 0.055 mg/kg soil dw tridyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl Value	33 μg/kg bw/day 3 μg/kg bw/day Remark Remark Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment methoxyvinylsilane Compartments Fresh water Marine water sediment Marine water sediment Marine water sediment Marine water sediment Soil (1,2,2,6,6-pentamethyl-4-pipe Compartments Fresh water	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 0.62 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.022 mg/kg sediment dw 0.036 mg/l 0.36 mg/l 1.3 mg/kg sediment dw 0.13 mg/kg sediment dw 0.055 mg/kg soil dw tridyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl Value 0 mg/l	33 μg/kg bw/day 3 μg/kg bw/day Remark Remark Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment methoxyvinylsilane Compartments Fresh water Marine water sediment Marine water sediment Marine water sediment Marine water sediment STP Fresh water sediment Marine water sediment STP Fresh water sediment STP STP STP STP STP STP STP STP	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 0.62 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.036 mg/l 0.036 mg/l 0.36 mg/l 1.3 mg/kg sediment dw 0.13 mg/kg sediment dw 0.055 mg/kg soil dw vridyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl Value 0 mg/l 0 mg/l	33 μg/kg bw/day 3 μg/kg bw/day Remark Remark Remark	
IEC (3-(trimethoxysilyl)propyl)ethy Compartments Fresh water Marine water Aqua (intermittent releases) STP Soil Fresh water sediment Marine water sediment Marine water sediment Marine water STP Fresh water Marine water sediment Marine water sediment Marine water sediment STP Fresh water sediment Marine water sediment STP Fresh water sediment STP Fresh water sediment STP Fresh water sediment Marine water sediment STP Fresh water sediment STP Fresh water sediment Marine water sediment Soil (1,2,2,6,6-pentamethyl-4-pipe Compartments Fresh water Marine water Marine water Marine water Aqua (intermittent releases)	Long-term systemic effects dermal Long-term systemic effects oral Value 0.062 mg/l 0.0062 mg/l 0.62 mg/l 0.62 mg/l 25 mg/l 0.0085 mg/kg soil dw 0.22 mg/kg sediment dw 0.22 mg/kg sediment dw 0.022 mg/kg sediment dw 0.36 mg/l 0.036 mg/l 0.036 mg/l 1.3 mg/kg sediment dw 0.13 mg/kg sediment dw 0.055 mg/kg soil dw tridyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl Value 0 mg/l 0 mg/l 0 mg/l 0.61 mg/l 1 mg/l	33 μg/kg bw/day 3 μg/kg bw/day Remark Remark Remark	
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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

Keep away from naked flames/heat. 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. Keep container tightly closed. 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
Odour	Characteristic odour
Odour threshold	No data available
Colour	Variable in colour, depending on the composition
Particle size	No data available
Explosion limits	No data available
Flammability	Not easily combustible
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
Flash point	> 200 °C ; 1013 hPa
Evaporation rate	No data available
Relative vapour density	No data available
Vapour pressure	No data available
Solubility	water ; insoluble
Relative density	No data available
Decomposition temperature	No data available
Auto-ignition temperature	No data available
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

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Temperature above flashpoint: higher fire/explosion hazard. 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 Keep away from naked flames/heat.

10.5. Incompatible materials No data available.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1 Test results

Acute toxicity

DOMOSTYL HYB

No (test)data on the mixture available

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	2413 mg/kg bw		Rat (male/female)	Experimental value	
Oral	LD50	Equivalent to OECD 401	7684 mg/kg bw		Rat (male)	Experimental value	
Dermal	LD50	Equivalent to OECD 402	16480 mg/kg bw	24 h	Rabbit (male/female)	Experimental value	
Dermal	LD50	EPA OPPTS 870.7600	> 2000 mg/kg bw	24 h	Rabbit (male/female)	Experimental value	
Inhalation (aerosol)	LC50	OECD 403	1.49 mg/l - 2.44 mg/l	4 h	Rat (male/female)	Experimental value	

trimethoxyvinylsilane

Route of exposure	Parameter	Method	Value	Exposure time		Value determination	Remark
Oral	LD50		7120 mg/kg bw - 7236 mg/kg bw		Rat (male/female)	Experimental value	
Dermal	LD50	Equivalent to OECD 402	3259 mg/kg bw	24 h	Rabbit (female)	Converted value	
Inhalation (vapours)	LC50	Equivalent to OECD 403	16.81 mg/l	4 h	Rat (male/female)	Experimental value	

$\underline{bis(\underline{1,2,2,6,6-pentamethyl-4-piperidyl)} [[3,5-bis(\underline{1,1-dimethylethyl})-4-hydroxyphenyl]methyl]butylmalonate}$

Route of exposure	Parameter	Method	Value	Exposure time			Remark
						determination	
Oral	LD50	Equivalent to OECD 401	1490 mg/kg bw		Rat (male/female)	Experimental value	
Dermal	LD50	Equivalent to OECD 402	> 3170 mg/kg bw	24 h	Rat (male/female)	Experimental value	
Inhalation (aerosol)	LC50	Equivalent to OECD 403	> 460 mg/m³ air	4 h	Rat (male/female)	Experimental value	

reaction mass of: N,N'-ethane-1,2-diylbis(hexanamide)/12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide/N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)

Route of exposure	Parameter	Method	Value	Exposure time		Value determination	Remark
Oral	LD50		> 2000 mg/kg		Rat	Literature study	
Dermal	LD50		> 2000 mg/kg		Rat	Literature study	

Judgement is based on the relevant ingredients

Conclusion

Not classified for acute toxicity

Corrosion/irritation

DOMOSTYL HYB

No (test)data on the mixture available

(3-(trimethoxysilyl)	propyl)ethylenedia	amine					
Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage	OECD 405	21 day(s)	24; 48; 72 hours	Rabbit	Experimental value	
Skin	Not irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Experimental value	
methoxyvinylsilane		•	•		•	•	
Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Not irritating	OECD 405	24 h	1; 24; 48; 72 hours	Rabbit	Experimental value	
Skin	Not irritating		24 h	24; 48; 72 hours	Rabbit	Experimental value	

nouto or onpoouro	Result	Method		sure time	enyl]methyl]butylmalo Time point	Species	Value	Remark
			•			-poiles	determination	
Eye	Not irritating	Equivalent 405	to OECD 30 see	conds	24; 48; 72 hours	Rabbit	Experimental value	
Skin	Not irritating	Equivalent 404	to OECD 24 h		24; 72 hours	Rabbit	Experimental value	
Idgement is based or	the relevant in	-						
n <mark>clusion</mark> ot classified as irritat	ing to the skin							
ot classified as irritat								
ot classified as irritat	ing to the respi	ratory system						
atory or skin sensitis	ation							
<u>OSTYL HYB</u> o (test)data on the m	nixture availabl	٩						
-(3-(trimethoxysilyl)p								
Route of exposure		Method	Ехрозі	ure time	Observation time point	Species V	alue determination	Remark
Skin	Sensitizing	OECD 406	72 h		•	Guinea pig E	xperimental value	
imethoxyvinylsilane			t			h		
Route of exposure	Result	Method	Exposi	ure time	Observation time point	Species V	alue determination	Remark
Skin	Not sensitizing	OECD 406			24; 48 hours	Guinea pig E: (male/female)	xperimental value	
s(1,2,2,6,6-pentame	thyl-4-piperidy) [[3,5-bis(1,1-di	methylethyl)-4-	hydroxyphe	enyl]methyl]butylmalo	onate		
Route of exposure	Result	Method	Exposi	ure time	Observation time point	Species V	alue determination	Remark
Skin	Not sensitizing	Other			•	Guinea pig E: (male/female)	xperimental value	
action mass of: N.N ⁻	-ethane-1.2-div	l //bis/hexanamide	e)/12-hvdroxy-N	I-[2-[(1-oxy	 nexyl)amino]ethyl]oct	,	thane-1.2-divlbis(12-	
<u>droxyoctadecanami</u>	de)							
	Result	Method	Exposi	ure time	Observation time	Species V	alue determination	Remark
Route of exposure					point			
	Not sensitizing	OECD 429			point	Mouse E:	xperimental value	
Skin	Not sensitizing		or this mixture is	s less string	point ent than the one base			
Skin	Not sensitizing		or this mixture is	s less string				
Skin the light of practical	Not sensitizing experience, th	e classification fo	or this mixture is	s less string				
Skin the light of practical Inclusion	Not sensitizing experience, th izing for inhala	e classification fo	or this mixture i	s less string				
Skin the light of practical nclusion ot classified as sensit ot classified as sensit	Not sensitizing experience, th izing for inhala izing for skin	e classification fo	or this mixture is	s less string				
Skin the light of practical <u>iclusion</u> ot classified as sensit	Not sensitizing experience, th izing for inhala izing for skin	e classification fo	or this mixture is	s less string				
Skin the light of practical <u>iclusion</u> ot classified as sensit ot classified as sensit c target organ toxicit <u>OSTYL HYB</u>	Not sensitizing experience, th izing for inhala izing for skin Y	e classification fo	or this mixture is	s less string				
Skin the light of practical <u>iclusion</u> ot classified as sensit ot classified as sensit c target organ toxicit <u>OSTYL HYB</u> (test)data on the min	Not sensitizing experience, th izing for inhala izing for skin y cture available	tion	or this mixture i	s less string				
Skin the light of practical <u>iclusion</u> ot classified as sensit ot classified as sensit c target organ toxicit <u>OSTYL HYB</u> (test)data on the mix -(3-(trimethoxysilyl)p	Not sensitizing experience, th izing for inhala izing for skin Y cture available propyl)ethylene	classification fo			ent than the one base	d on the calculation	set out	Value
Skin the light of practical <u>iclusion</u> ot classified as sensit ot classified as sensit c target organ toxicit <u>OSTYL HYB</u> (test)data on the min	Not sensitizing experience, th izing for inhala izing for skin Y cture available propyl)ethylene	tion	or this mixture is	s less string Organ				Value determina
Skin the light of practical <u>iclusion</u> ot classified as sensit ot classified as sensit c target organ toxicit <u>OSTYL HYB</u> (test)data on the mix -(3-(trimethoxysilyl)p	Not sensitizing experience, th izing for inhala izing for skin Y cture available propyl)ethylene	classification fo			ent than the one base	Exposure time	set out	
Skin the light of practical <u>iclusion</u> ot classified as sensit ot classified as sensit c target organ toxicit <u>OSTYL HYB</u> (test)data on the min -(3-(trimethoxysilyl)p Route of exposure	Not sensitizing experience, th izing for inhala izing for skin y kture available propyl)ethylene Parameter	e classification fo tion <u>diamine</u> Method	Value	Organ	Effect	Exposure time	Species Rat	determina Experimen value Experimen
Skin the light of practical nclusion ot classified as sensit ot classified as sensit ot classified as sensit c target organ toxicit COSTYL HYB (test)data on the mix -(3-(trimethoxysilyl)p Route of exposure Oral	Not sensitizing experience, th izing for inhala izing for skin y kture available propyl)ethylene Parameter NOAEL	diamine Method	Value 500 mg/kg bw ≥ 2.0 ml/kg/da 257.5 mg/kg	Organ	Effect	Exposure time	Set out Species Rat (male/female) Rabbit (male) Rat	determina Experimen value Experimen value Experimen
Skin the light of practical nclusion ot classified as sensit ot classified as sensit c target organ toxicit OSTYL HYB (test)data on the min -(3-(trimethoxysilyl)p Route of exposure Oral Dermal Dermal	Not sensitizing experience, th izing for inhala izing for skin y (ture available propyl)ethylene Parameter NOAEL NOAEL	e classification fo tion Method OECD 422 Other	Value 500 mg/kg bw ≥ 2.0 ml/kg/da	Organ y	Effect Systemic toxici	Exposure time ty 28 day(s) 8 day(s)	Set out Species Rat (male/female) Rabbit (male)	determina Experimen value Experimen value
Skin the light of practical clusion ot classified as sensit ot classified as sensit c target organ toxicit COSTYL HYB (test)data on the min -(3-(trimethoxysilyl)p Route of exposure Oral Dermal Dermal imethoxyvinylsilane	Not sensitizing experience, th izing for inhala izing for skin y (ture available propyl)ethylene Parameter NOAEL NOAEL LOAEL	e classification fo tion Method OECD 422 Other Other	Value 500 mg/kg bw ≥ 2.0 ml/kg/da 257.5 mg/kg bw/day	Organ y Skin	Effect Systemic toxici	Exposure time ty 28 day(s) 8 day(s) 11 days (6h/day)	set out Species Rat (male/female) Rabbit (male) Rat (male/female)	determina Experimen value Experimen value Experimen value
Skin the light of practical nclusion ot classified as sensit ot classified as sensit c target organ toxicit OSTYL HYB (test)data on the min -(3-(trimethoxysilyl)p Route of exposure Oral Dermal Dermal	Not sensitizing experience, th izing for inhala izing for skin y (ture available propyl)ethylene Parameter NOAEL NOAEL LOAEL	e classification fo tion Method OECD 422 Other	Value 500 mg/kg bw ≥ 2.0 ml/kg/da 257.5 mg/kg	Organ y	Effect Systemic toxici	Exposure time ty 28 day(s) 8 day(s)	Set out Species Rat (male/female) Rabbit (male) Rat	determina Experimen value Experimen value Experimen
Skin the light of practical clusion ot classified as sensit ot classified as sensit c target organ toxicit COSTYL HYB (test)data on the min -(3-(trimethoxysilyl)p Route of exposure Oral Dermal Dermal imethoxyvinylsilane	Not sensitizing experience, th izing for inhala izing for skin y tture available propyl)ethylene Parameter NOAEL NOAEL LOAEL	e classification fo tion Method OECD 422 Other Other	Value 500 mg/kg bw ≥ 2.0 ml/kg/da 257.5 mg/kg bw/day	Organ y Skin	Effect Systemic toxici	Exposure time ty 28 day(s) 8 day(s) 11 days (6h/day) Exposure time	set out Species Rat (male/female) Rabbit (male) Rat (male/female)	determina Experimen value Experimen value Experimen value Value

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determinatior
Oral (stomach tube)	LOAEL	OECD 421	10 mg/kg bw/day	Lymph nodes	Enlargement of the lymph glands	28 day(s)	Rat (male/female)	Experimental value
Oral (stomach tube)	LOAEL	OECD 421	10 mg/kg bw/day	Liver	Enlargement/aff ection of the liver	28 day(s)	Rat (male/female)	Experimental value
Oral (stomach tube)	LOAEL	OECD 421	10 mg/kg bw/day	Spleen	Spleen enlargement/aff ection	28 day(s)	Rat (male/female)	Experimental value

hydroxyoctadecanamide)

Route of exposure		Method	Value	Organ	Effect	Exposure time		Value determination
Oral	NOAEL		1000 mg/kg bw/day		No effect	28 day(s)	Rat	Literature study

Judgement is based on the relevant ingredients

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

DOMOSTYL HYB

No (test)data on the mixture available

<u>N-(</u> 3	3-(trimethoxysilyl)propyl)ethyle	nediamine_			
	Result	Method	Test substrate	Effect	Value determination
	Negative	OECD 471	Bacteria (S.typhimurium)		Experimental value
	Negative	Other	Chinese hamster ovary (CHO)		Experimental value
	Negative	Equivalent to OECD 479	Chinese hamster ovary (CHO)		Experimental value

trimethoxyvinylsilane

Result	Method	Test substrate	Effect	Value determination
Positive with metabolic	OECD 473	CHL/IU cells	Chromosome aberrations	Experimental value
activation, positive without				
metabolic activation				
Negative with metabolic	OECD 476	Chinese hamster ovary (CHO)		Experimental value
activation, negative without				
metabolic activation				

bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	Ames test	Bacteria (S.typhimurium)	No effect	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 476	Chinese hamster ovary (CHO)	No effect	Experimental value
Positive with metabolic activation, positive without metabolic activation	OECD 473	Chinese hamster ovary (CHO)		Experimental value

reaction mass of: N,N'-ethane-1,2-diylbis(hexanamide)/12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide/N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)

Result	Method	Test substrate	Effect	Value determination
Negative	Ames test	Bacteria (S.typhimurium)		Literature study
Negative	Ames test	Escherichia coli		Literature study
Negative	Chromosome aberration assay	Human lymphocytes		Literature study

Mutagenicity (in vivo)

DOMOSTYL HYB

No (test)data on the mixture available

N-(3-(trimethoxysilyl)propyl)ethylenediamine

Result	Method	Exposure time	Test substrate	Organ	Value determination
Negative	Equivalent to OECD	30 h - 72 h	Mouse (male/female)		Experimental value
	474				

Result		Method	Exposure tim		t substrate	Organ	•	/alue determinatio
Negative		EPA 560/6-83-001	Exposure un		use (male/female)	-		xperimental value
Judgement is based on the r		,		IVIO				
conclusion	cicitant ingi ca							
Not classified for mutagenic	or genotoxic to	oxicity						
Ū	U	,						
nogenicity								
MOSTYL HYB								
No (test)data on the mixture								
Judgement is based on the r conclusion	elevant ingred	ients						
Not classified for carcinogen	icity							
not classifica for carcinogen	licity							
oductive toxicity								
MOSTYL HYB								
No (test)data on the mixture	e available							
N-(3-(trimethoxysilyl)propyl				-	-			
	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determinatio
Developmental toxicity	NOAEL	OECD 422	500 mg/kg bw/day	39 day(s)	Rat (male/female)	Teratogenicity		Experimental value
Maternal toxicity	NOAEL	OECD 422	≥ 500 mg/kg bw/day	39 days (gestation, daily) - 44 days (gestation, daily)	Rat (female)	Maternal toxicity	r	Experimental value
trimethoxyvinylsilane	•		-	-		•		
	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determinatio
Developmental toxicity	NOAEL	EPA OTS 798.4350	100 ppm	10 days (gestation, 6h/day)	Rat (female)	No effect		Experimenta value
Maternal toxicity	NOAEL	EPA OTS 798.4350	25 ppm	10 days (gestation, 6h/day)	Rat (female)	No effect		Experimenta value
	NOAEL (P)	OECD 422	1000 mg/kg bw/day	≤ 43 day(s)	Rat (male)	No effect		Experimenta value
Effects on fertility								E
Effects on fertility	NOAEL (P)	OECD 422	250	≥ 60 day(s)	Rat (female)	No effect		Experimental value
Effects on fertility	~ /	-bis(1,1-dimethyle	thyl)-4-hydroxy	phenyl]methyl]b	<u>utylmalonate</u>			
	~ /				<u>utylmalonate</u>	Effect	Organ	

						-	determination
Developmental toxicity							Data waiving
Maternal toxicity							Data waiving
Effects on fertility	-	•	≥ 10 mg/kg bw/day	 Rat (male/female)	No effect		Experimental value

Judgement is based on the relevant ingredients

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

DOMOSTYL HYB No (test)data on the mixture available

Chronic effects from short and long-term exposure

DOMOSTYL HYB No effects known.

SECTION 12: Ecological information

12.1. Toxicity

DOMOSTYL HYB

No (test)data on the mixture available

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt	Value determinat
							water	
Acute toxicity fishes	LC50	EPA 660/3 - 75/009	213 mg/l	96 h	Salmo gairdneri	Static system	Fresh water	Experimental valu Nominal concentration
Acute toxicity crustacea	EC50	EU Method C.2	81 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental valu pH > 7
Foxicity algae and other aquatic plants	ErC50	OECD 201	8.8 mg/l	72 h	Selenastrum capricornutum	Static system	Fresh water	Experimental valu GLP
ong-term toxicity aquatic crustacea	NOEC		≥1 ppm	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental valu
Toxicity aquatic micro- organisms	EC50	DIN 38412-8	67 mg/l	16 h	Pseudomonas putida	Static system	Fresh water	Experimental valu GLP
methoxyvinylsilane		-	1	- i	-		1	
	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determina
cute toxicity fishes	LC50		191 mg/l	96 h	Oncorhynchus mykiss		Fresh water	Experimental valu Nominal concentration
Acute toxicity crustacea	EC50	EU Method C.2	168.7 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental valu
oxicity algae and other aquatic lants	EC50	EPA 67014- 73-0	210 mg/l	7 day(s)	Pseudokirchnerie la subcapitata	lStatic system	Fresh water	Experimental valu Nominal concentration
ong-term toxicity fish								Data waiving
ong-term toxicity aquatic rustacea	NOEC	OECD 211	28.1 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental valu
oxicity sediment organisms								Data waiving
	Parameter	Method	M	alue	Duration	Specie	c	Value determina
oxicity soil macro-organisms	rarameter	Method	vc	liuc	Duration	Specie	:3	Data waiving
								Data waiving Data waiving
ovicity coil micro organisms								
, ,								5
oxicity terrestrial plants								Data waiving
oxicity terrestrial plants oxicity other terrestrial								5
oxicity terrestrial plants ioxicity other terrestrial organisms								Data waiving
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds	dyl) [[3,5-bis(:	L,1-dimethyleth	yl)-4-hydroxy	ohenyl]methy]butylmalonate			Data waiving Data waiving
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds	dyl) [[3,5-bis(: Parameter	L,1-dimethyleth Method	<u>yl)-4-hydroxyj</u> Value	ohenyl]methy Duration]butylmalonate Species	Test design	Fresh/salt water	Data waiving Data waiving Data waiving
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi	-					Test design Semi-static system		Data waiving Data waiving Data waiving Value determina
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi Acute toxicity fishes oxicity algae and other aquatic	Parameter LC50	Method	Value	Duration	Species	Semi-static	water Fresh water	Data waiving Data waiving Data waiving Value determina Experimental valu GLP
Toxicity terrestrial plants Toxicity other terrestrial organisms Toxicity birds (1,2,2,6,6-pentamethyl-4-piperi) Acute toxicity fishes Toxicity algae and other aquatic plants .ong-term toxicity aquatic	Parameter LC50 EC50 NOEC	Method OECD 203	Value > 100 mg/l	Duration96 h72 h21 day(s)	Species Danio rerio Scenedesmus	Semi-static system Static system Semi-static system	water Fresh water	Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi oxicity algae and other aquatic plants ong-term toxicity aquatic rustacea oxicity aquatic micro-	Parameter LC50 EC50	Method OECD 203 Other	Value > 100 mg/l 61 mg/l	Duration 96 h 72 h	Species Danio rerio Scenedesmus subspicatus	Semi-static system Static system Semi-static	water Fresh water Fresh water	Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu Biomass Experimental valu GLP
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi Acute toxicity fishes oxicity algae and other aquatic plants ong-term toxicity aquatic rustacea oxicity aquatic micro- organisms action mass of: N,N'-ethane-1,2-	Parameter LC50 EC50 NOEC IC50	Method OECD 203 Other OECD 211 OECD 209	Value > 100 mg/l 61 mg/l 2 μg/l > 100 mg/l	Duration 96 h 72 h 21 day(s) 3 h	Species Danio rerio Scenedesmus subspicatus Daphnia magna Activated sludge	Semi-static system Static system Semi-static system Static system	water Fresh water Fresh water Fresh water Fresh water	Data waiving Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu GLP Experimental valu GLP
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi (1,2,2,6,6-pentam	Parameter LC50 EC50 NOEC IC50 diylbis(hexana	Method OECD 203 Other OECD 211 OECD 209 amide)/12-hydr	Value > 100 mg/l 61 mg/l 2 µg/l > 100 mg/l oxy-N-[2-[(1-c	Duration 96 h 72 h 21 day(s) 3 h xyhexyl)amin	Species Danio rerio Scenedesmus subspicatus Daphnia magna Activated sludge o]ethyl]octadecanar	Semi-static system Static system Semi-static system Static system nide/N,N'-etha	water Fresh water Fresh water Fresh water Fresh water ane-1,2-diylbis	Data waiving Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu (12-
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi (1,2,2,6,6-pentam	Parameter LC50 EC50 NOEC IC50	Method OECD 203 Other OECD 211 OECD 209	Value > 100 mg/l 61 mg/l 2 μg/l > 100 mg/l	Duration 96 h 72 h 21 day(s) 3 h	Species Danio rerio Scenedesmus subspicatus Daphnia magna Activated sludge	Semi-static system Static system Semi-static system Static system	water Fresh water Fresh water Fresh water Fresh water	Data waiving Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu (12-
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi (1,2,2,6,6-pentam	Parameter LC50 EC50 NOEC IC50 diylbis(hexan: Parameter LC50	Method OECD 203 Other OECD 211 OECD 209 amide)/12-hydr	Value > 100 mg/l 61 mg/l 2 µg/l > 100 mg/l oxy-N-[2-[(1-c	Duration 96 h 72 h 21 day(s) 3 h xyhexyl)amin Duration 96 h	Species Danio rerio Scenedesmus subspicatus Daphnia magna Activated sludge o]ethyl]octadecanar Species Oncorhynchus mykiss	Semi-static system Static system Semi-static system Static system nide/N,N'-etha	water Fresh water Fresh water Fresh water Fresh water ane-1,2-divlbis Fresh/salt	Data waiving Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu GLP Experimental valu GLP
Toxicity soil micro-organisms Toxicity terrestrial plants Toxicity other terrestrial organisms Toxicity birds (1,2,2,6,6-pentamethyl-4-piperi Acute toxicity fishes Toxicity algae and other aquatic oblants Toxicity aquatic micro-organisms Toxicity aquatic micro-organisms action mass of: N,N'-ethane-1,2-droxyoctadecanamide) Acute toxicity fishes	Parameter LC50 EC50 NOEC IC50 diylbis(hexana Parameter	Method OECD 203 Other OECD 211 OECD 209 amide)/12-hydr Method	Value > 100 mg/l 61 mg/l 2 µg/l > 100 mg/l oxy-N-[2-[(1-c Value	Duration 96 h 72 h 21 day(s) 3 h xyhexyl)amin Duration	Species Danio rerio Scenedesmus subspicatus Daphnia magna Activated sludge o]ethyl]octadecanar Species Oncorhynchus	Semi-static system Static system Semi-static system Static system nide/N,N'-etha	water Fresh water Fresh water Fresh water Fresh water ane-1,2-divlbis Fresh/salt	Data waiving Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu
oxicity terrestrial plants oxicity other terrestrial organisms oxicity birds (1,2,2,6,6-pentamethyl-4-piperi (1,2,2,6,6-pentamethyl-4-piperi oxicity algae and other aquatic oxicity algae and other aquatic ong-term toxicity aquatic rustacea oxicity aquatic micro- organisms	Parameter LC50 EC50 NOEC IC50 diylbis(hexana Parameter LC50 EC50	Method OECD 203 Other OECD 211 OECD 209 amide)/12-hydr	Value > 100 mg/l 61 mg/l 2 µg/l > 100 mg/l oxy-N-[2-[(1-c Value > 1000 mg/l	Duration 96 h 72 h 21 day(s) 3 h xyhexyl)amin Duration 96 h	Species Danio rerio Scenedesmus subspicatus Daphnia magna Activated sludge o]ethyl]octadecanar Species Oncorhynchus mykiss	Semi-static system Static system Semi-static system Static system nide/N,N'-etha	water Fresh water Fresh water Fresh water Fresh water ane-1,2-divlbis Fresh/salt	Data waiving Data waiving Data waiving Data waiving Value determina Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu GLP Experimental valu

Classification is based on the relevant ingredients

Conclusion

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

N-(3-(trimethoxysilyl)propyl)ethylenediamine

Method		Value		Duration		Value determination
EU Method C.4		39 %; Activat	ed sludge	28 day(s)		Experimental value
hototransformation	n air (DT50 air)					
Method		Value		Conc. OH-	radicals	Value determination
AOPWIN v1.91		1.059 h				Calculated value
alf-life water (t1/2 v	water)	L		•		
Method		Value		Primary degradati	on/mineralisation	Value determination
OECD 111: Hydrolys	sis as a function of p	0.3 h; pH < 7		Primary d	egradation	Experimental value
OECD 111: Hydrolys	sis as a function of p	0.025 h; pH =	7	Primary d	egradation	Experimental value
nethoxyvinylsilane liodegradation wate	r					
Method	-	Value		Duration		Value determination
OECD 301F: Manon	netric Respirometry			28 day(s)		Experimental value
hototransformation		1000 01 /0, 01		20 00 (0)		
Method		Value		Conc. OH-	radicals	Value determination
Method		0.56 day(s)		500000 /c		Calculated value
iodegradation soil		0.30 day(s)		5000070		
Method		Value		Duration		Value determination
incinou		adiuc.		Bulation		Data waiving
alf-life water (t1/2 v	wator)					
Method		Value		Primary	on/mineralisation	Value determination
			_		egradation	Weight of evidence
OECD 111: Hydrolyg	sis as a function of r		7			weight of evidence
OECD 111: Hydrolys						
1,2,2,6,6-pentamet	hyl-4-piperidyl) [[3,5					
(1,2,2,6,6-pentameth	hyl-4-piperidyl) [[3,5					Value determination
(1,2,2,6,6-pentamet) iodegradation wate Method OECD 301B: CO2 Ev ction mass of: N,N'-6	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h	5-bis(1,1-dimethyleth Value 2 %	nyl)-4-hydroxyphei	Duration 28 day(s)	<u>Imalonate</u>	Value determination Experimental value N'-ethane-1,2-diylbis(12-
1,2,2,6,6-pentameth iodegradation wate Method DECD 301B: CO2 Ev ction mass of: N,N'-e droxyoctadecanamid iodegradation wate	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le)	b-bis(1,1-dimethyleth Value 2 % lexanamide)/12-hyd	nyl)-4-hydroxyphei	Duration 28 day(s) exyl)amino]eth	<u>Imalonate</u>	Experimental value N'-ethane-1,2-diylbis(12-
(1,2,2,6,6-pentametti iodegradation wate Method OECD 301B: CO2 Ev ction mass of: N,N'-c droxyoctadecanamid	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le)	5-bis(1,1-dimethyleth Value 2 % exanamide)/12-hyd Value	nyl)-4-hydroxyphei	Duration 28 day(s) exyl)amino]eth	<u>Imalonate</u>	Experimental value N'-ethane-1,2-diylbis(12- Value determination
(1,2,2,6,6-pentamet) iodegradation wate Method OECD 301B: CO2 Ev Inction mass of: N,N'-e droxyoctadecanamid iodegradation wate	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le)	b-bis(1,1-dimethyleth Value 2 % lexanamide)/12-hyd	nyl)-4-hydroxyphei	Duration 28 day(s) exyl)amino]eth	<u>Imalonate</u>	Experimental value N'-ethane-1,2-diylbis(12-
(1,2,2,6,6-pentameti iodegradation wate Method OECD 301B: CO2 Ev International Content iodegradation wate Method Intains non readily bio B. Bioaccumulation STYL HYB Kow	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s)	nyl)-4-hydroxyphei	Duration 28 day(s) exyl)amino]eth Duration 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N	Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study
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1,2,2,6,6-pentametri iodegradation wate Method OECD 301B: CO2 Ev ction mass of: N,N'- froxyoctadecanamid iodegradation wate Method Station Bioaccumulati ISTYL HYB Kow	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Remark Not applica	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture)	nyl)-4-hydroxyphei	Duration 28 day(s) exyl)amino]eth Duration 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N	Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study
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I.1,2,2,6,6-pentameth iodegradation wate Method OECD 301B: CO2 Ev ction mass of: N,N'- froxyoctadecanamid iodegradation wate Method Stioaccumulation S. Bioaccumulation STYL HYB Kow sthod 3-(trimethoxysily[)pr og Kow	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Remark Not applica ropyl)ethylenediam	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture) ine	nyl)-4-hydroxyphei roxy-N-[2-[(1-oxyh	Duration 28 day(s) exyl)amino]eth Duration 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N	Experimental value Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study
	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Remark Not applica ropyl)ethylenediam	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture) ine	nyl)-4-hydroxyphei roxy-N-[2-[(1-oxyh Value	Duration 28 day(s) exyl)amino]eth Duration 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N mperature	Experimental value Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study Value determination Value determination Value determination
	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Remark Not applica ropyl)ethylenediami	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture) ine	nyl)-4-hydroxyphei roxy-N-[2-[(1-oxyh Value	Duration 28 day(s) exyl)amino]eth Duration 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N mperature	Experimental value Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study Value determination Value determination Value determination
	hyl-4-piperidyl) [[3,5 r r r r r r r r odegradable compo ive potential Remark Not applica r ropyl)ethylenediam Remark	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture) ine	value Value -1.67	Duration 28 day(s) exyl)amino]eth Duration 28 day(s) 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N mperature	Experimental value Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study Value determination Value determination Value determination
	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Remark Not applica ropyl)ethylenediami Remark	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture) ine	nyl)-4-hydroxyphei roxy-N-[2-[(1-oxyh Value	Duration 28 day(s) exyl)amino]eth Duration 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N mperature	Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study Value determination Value determination Estimated value Value determination Value determination
	hyl-4-piperidyl) [[3,5 r r r r r r r r odegradable compo ive potential Remark Not applica r ropyl)ethylenediam Remark	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture) ine	value Value -1.67	Duration 28 day(s) exyl)amino]eth Duration 28 day(s) 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N mperature	Experimental value Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study Value determination Literature study Value determination Estimated value
	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Not applica opyl)ethylenediami Remark Not applica	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % onent(s) ble (mixture) ine Value	Value Value Interference Value Interference Value Interference Interference Value Value Interference Value Value Interference V	Duration 28 day(s) exyl)amino]eth Duration 28 day(s) 28 day(s)	/Imalonate yl]octadecanamide/N mperature Temperature 25 °C	Experimental value N'-ethane-1,2-div/bis(12- Value determination Literature study Value determination Value determination Estimated value Value determination Data waiving
	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Remark Not applica ropyl)ethylenediami Remark ganisms Method Remark	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % ble (mixture) ine Value	Value Value -1.67 Value Value Value	Duration 28 day(s) exyl)amino]eth Duration 28 day(s) 28 day(s)	<u>/Imalonate</u> yl]octadecanamide/N mperature Temperature 25 °C Temperature	Experimental value N'-ethane-1,2-diylbis(12- Value determination Literature study Value determination Value determination Estimated value Value determination
(1,2,2,6,6-pentameti iodegradation wate Method OECD 301B: CO2 Ev interpretation wate Method iodegradation wate Method Clusion Intains non readily bio Bioaccumulati DSTYL HYB Cow Sthod Cow Sthod Cow Method Cov Method Cov Cov Method Cov Cov Method Cov Cov Cov Cov Cov Cov Cov Cov	hyl-4-piperidyl) [[3,5 r rolution Test ethane-1,2-diylbis(h le) r odegradable compo ive potential Not applica opyl)ethylenediami Remark Not applica	5-bis(1,1-dimethyleth 2 % exanamide)/12-hyd Value 20 % ble (mixture) ine Value	Value Value Interference Value Interference Value Interference Interference Value Value Interference Value Value Interference V	Duration 28 day(s) exyl)amino]eth Duration 28 day(s) 28 day(s)	/Imalonate yl]octadecanamide/N mperature Temperature 25 °C	Experimental value N'-ethane-1,2-div/bis(12- Value determination Literature study Value determination Value determination Estimated value Value determination Data waiving

CF fishes	.) [[3,5-bis(1,1-dimeth					<u>.</u>
Parameter	Method	Value	Duration	Specie	s		Value determination
BCF	OECD 305	24.3 - 437.1	60 day(s)	Cyprin	us carpio		Experimental value
og Kow							
Method	Re	mark	Value		Temperatu	re	Value determination
OECD 107			3.7		23 °C		Experimental value
OECD 117			> 6.5		23 °C		Experimental value
Other			4.2		23 °C		Experimental value
		lbis(hexanamide)/12	-hydroxy-N-[2-[(1-o	xyhexyl)amino]e	thyl]octadeca	namide/N,N'-e	thane-1,2-diylbis(12-
lroxyoctadecana	imide)						
og Kow Method	Po	mark	Value		Temperatu	ro	Value determination
EU Method A.8	Ke	mark	> 6		Temperate		Experimental value
lusion			- 0				Experimental value
l. Mobility in	/l)propyl)ethylene						
Method	Fraction air	Fraction biota	Fraction	Fraction soil	Fraction w	ater Value	determination
			sediment				
Mackay level III	31.3 %		0.00 %	63.6 %	5.2 %	Calcula	ted value
nethoxyvinylsilaı	ne						
og) Koc			i	-		-	
Parameter			Method		Va	alue	Value determination
							Data waiving
	s Law constant H)	had	Tommoroturo		Domork		Value determination
Value	Met	noa	Temperature 25 °C		Remark		Value determination
8.72E-5 atm m ³							Estimated value
	netnyi-4-piperidyi) [[3,5-bis(1,1-dimeth	yietnyi)-4-nyaroxyt	onenyijmetnyijbu	ityimaionate		
og) Koc Parameter			Method	1	V	alue	Value determination
log Koc				OCWIN v2.0		04 - 8.1	Calculated value
5. Results of I	erse effects	assessment can be made wheth tion (EU) No 517/20	14)				ng to Annex XIII of Regulation
e of the known c ne-depleting pot classified as dang	omponents is incluential (ODP) gerous for the ozor N'-ethane-1,2-diy	ided in the list of fluo ne layer (Regulation lbis(hexanamide)/12	EC) No 1005/2009)			namide/N,N'-e	thane-1,2-diylbis(12-
DSTYL HYB rinated greenho e of the known c ne-depleting pot classified as dang ction mass of: N droxyoctadecana ground water pound water pol	omponents is incluent ential (ODP) gerous for the ozor , <u>N'-ethane-1,2-diy</u> <u>imide)</u> lutant	ne layer (Regulation lbis(hexanamide)/12	EC) No 1005/2009)			namide/N,N'-e	thane-1,2-diylbis(12-
DSTYL HYB rinated greenho e of the known c ne-depleting pot classified as dang ction mass of: N droxyoctadecana ground water pound water pol	omponents is incluent ential (ODP) gerous for the ozor , <u>N'-ethane-1,2-diy</u> <u>imide)</u> lutant	ne layer (Regulation)	EC) No 1005/2009)			namide/N,N'-e	thane-1,2-diylbis(12-
DETYL HYB rinated greenho e of the known c ne-depleting pot classified as dang ction mass of: N droxyoctadecana fround water iround water pol ON 13: Di nformation in th	omponents is incluential (ODP) gerous for the ozor (N'-ethane-1,2-diy (mide) Ilutant	ne layer (Regulation (Ibis(hexanamide)/12 Insiderations eral description. If ap	EC) No 1005/2009) -hydroxy-N-[2-[(1-o	xyhexyl)amino]ei	thyl]octadeca		
ISTYL HYB rinated greenho e of the known c he-depleting pot classified as dang ction mass of: N droxyoctadecana iround water foround water pol ON 13: Di nformation in th arios that corres I. Waste trea 3.1.1 Provisions European Union Hazardous v Waste mate 08 04 09* (v	omponents is incluential (ODP) gerous for the ozor ,N'-ethane-1,2-diy (N'-ethane-1,2-diy) (N'-et	ne layer (Regulation (Ibis(hexanamide)/12 Isiderations eral description. If ap ified use. Is Directive 2008/98/E 2008/98/EC, Decisi	EC) No 1005/2009) -hydroxy-N-[2-[(1-o plicable and availab C, as amended by R on 2000/0532/EC). alants (including wa	xyhexyl)amino]ei	thyl]octadeca narios are atta o 1357/2014. ucts): waste a	ched in annex. dhesives and s	Always use the relevant exposu ealants containing organic solver

SE

13.1.2 Disposal methods

Recycle/reuse. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into drains or the environment.

13.1.3 Packaging/Container

European Union

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

15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number	
Transport	Not subject
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
Hazard identification number	
Class	
Classification code	
14.4. Packing group	
Packing group	
Labels	
14.5. Environmental hazards	
Environmentally hazardous substance mark	no
14.6. Special precautions for user	
Special provisions	
Limited quantities	
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	
Annex II of MARPOL 73/78	

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
< 4.0 %	
	·

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 and use of certain dangerous substances, mixtures and articles.

N-(3-	Liquid substances or mixtures which are	1. Shall not be used in:
trimethoxysilyl)propyl)ethylenediamine	regarded as dangerous in accordance with	- ornamental articles intended to produce light or colour effects by means of different
trimethoxyvinylsilane	Directive 1999/45/EC or are fulfilling the criteria	phases, for example in ornamental lamps and ashtrays,
	for any of the following hazard classes or	 tricks and jokes,
	categories set out in Annex I to Regulation (EC)	- games for one or more participants, or any article intended to be used as such, even with
	No 1272/2008:	ornamental aspects, 2. Articles not complying with paragraph 1 shall not be placed on the
	(a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8	market.3. Shall not be placed on the market if they contain a colouring agent, unless required
	types A and B, 2.9, 2.10, 2.12, 2.13 categories 1	for fiscal reasons, or perfume, or both, if they:
	and 2, 2.14 categories 1 and 2, 2.15 types A to	 can be used as fuel in decorative oil lamps for supply to the general public, and,
	F;	 present an aspiration hazard and are labelled with R65 or H304,4. Decorative oil lamps for
		supply to the general public shall not be placed on the market unless they conform to the
	on sexual function and fertility or on	European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee
	development, 3.8 effects other than narcotic	for Standardisation (CEN).5. Without prejudice to the implementation of other Community
	effects, 3.9 and 3.10;	provisions relating to the classification, packaging and labelling of dangerous substances and
	(c) hazard class 4.1;	mixtures, suppliers shall ensure, before the placing on the market, that the following
	(d) hazard class 5.1.	requirements are met:
		a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly,
		legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of
		children"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of
		lamps — may lead to life- threatening lung damage";
		b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are
		legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may
		lead to life threatening lung damage";
		c) lamp oils and grill lighters, labelled with R65 or 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 Agency to
		prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban
		if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or 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 R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.'
• trimethoxyvinylsilane	2 or 3, flammable solids category 1 or 2,	 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 entertainment and decorative purposes such as the following: metallic glitter intended mainly for decoration, artificial snow and frost, "whoopee" cushions, silly string aerosols, imitation excrement, horns for parties, actificial cobwebs, stink bombs.2. Without prejudice to the application of other Community provisions on the classification, 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, legibly and indelibly with: "For professional users only".3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to an the market unless they conform to the requirements indicated.

National legislation Belgium

DOMOSTYL HYB

No data available

National legislation The Netherlands

D	DOMOSTYL HYB				
	Waste identification (the Netherlands)	LWCA (the Netherlands): KGA category 05			
	Waterbezwaarlijkheid	В (4)			

National legislation France

DOMOSTYL HYB No data available

National legislation Germany

DOMOSTYL HYB	
WGK	1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
N-(3-(trimethoxysilyl))propyl)ethylenediamine
TA-Luft	5.2.5
trimethoxyvinylsilane	
TA-Luft	5.2.5
bis(1,2,2,6,6-pentame	ethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate
TA-Luft	5.2.1
reaction mass of: N,N	N'-ethane-1,2-diylbis(hexanamide)/12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide/N,N'-ethane-1,2-diylbis(12-
hydroxyoctadecanam	nide)
TA-Luft	5.2.5; I

National legislation United Kingdom

DOMOSTYL HYB No data available

Other relevant data

DOMOSTYL HYB 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 headings 2 and 3:

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs (bladder) through prolonged or repeated exposure if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

(*)	INTERNAL CLASSIFICATION BY BIG
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

M-factor

bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-	10	Chronic	ECHA
dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate			

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. Old versions must be destroyed. 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.