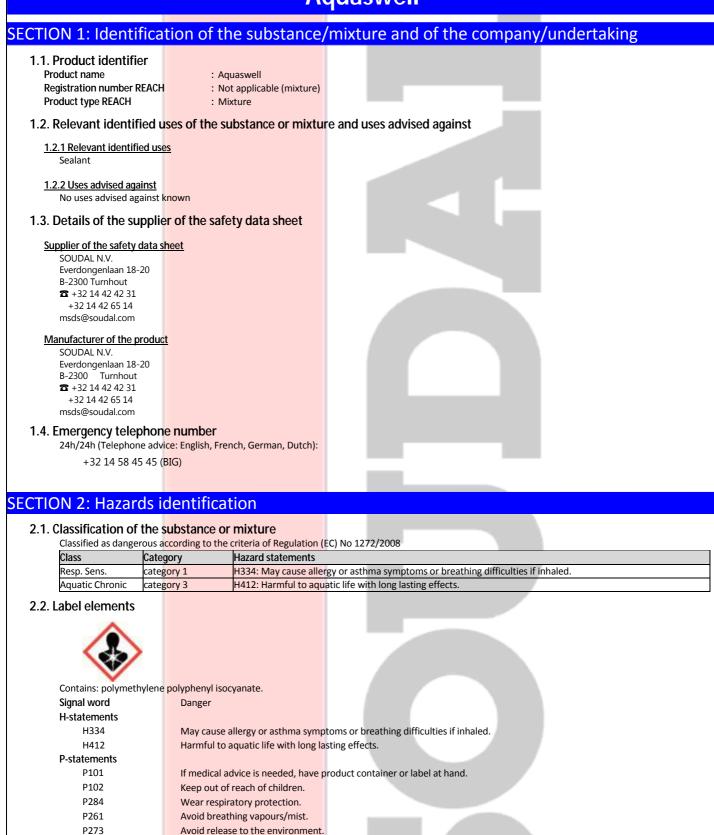


SAFETY DATA SHEET

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

Aquaswell



IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P304 + P340

P342 + P311

Revision number: 0303

Product number: 49319

134-15960-590-en

P501

Dispose of contents/container in accordance with local/regional/national/international regulation.

Supplemental information

- Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

 Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
 This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

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 CL	P Note	Remark
propylene carbonate		108-32-7		1% <c<3%< th=""><th>Eye Irrit. 2; H319</th><th>(1)(10)</th><th>Constituent</th></c<3%<>	Eye Irrit. 2; H319	(1)(10)	Constituent
01-2119537232-48		203-572-1					
polymethylene polyphenyl isocy	anate	9016-87-9			Carc. 2; H351 Resp. Sens. 1; H334 Skin Sens. 1; H317 Acute Tox. 4; H332 STOT RE 2; H373 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335	(1)(2)(8)(10)(18)	Constituent
hydrocarbons, C10-C12, isoalka 01-2119471991-29	nes, < 2% aromatics				Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aguatic Chronic 2; H411	(1)(10)	Constituent

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

(2) Substance with a Community workplace exposure limit

(8) Specific concentration limits, see heading 16

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

(18) Polymethylene polyphenyl isocyanate, contains > 0.1% MDI-isomers

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:

Wash immediately with lots of water. 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. 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: Redness of the eye tissue. Slight irritation. 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.

Reason for revision: 3

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

On burning: release of toxic and corrosive gases/vapours e.g. hydrogen chloride, carbon monoxide - carbon dioxide.

5.3. Advice for firefighters

5.3.1 Instructions:

Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water. Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.

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

No naked flames.

- 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. 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. Keep container tightly closed. Observe very strict hygiene - avoid contact.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

- Store at room temperature. Store in a dry area. Meet the legal requirements. 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.

Belgium		
4,4'-Diisocyanate de diphénylméthane (MDI)	Time-weighted average exposure limit 8 h	0.005 ppm
	Time-weighted average exposure limit 8 h	0.052 mg/m³
Reason for revision: 3	Publication date: 2010-09-06	
	Date of revision: 2017-11-07	
Revision number: 0303	Product number: 49319	3/14

F rance								
France	a hón u mótha			Time weighted a	Norago ovpoci	ure limit 8 h (VL: Val	ourpop	0.01 nnm
4,4'-Diisocyanate de di	onenyimetha	ine		réglementaire in	dicative)			0.01 ppm
				Time-weighted a réglementaire in		ure limit 8 h (VL: Val	eur non	0.1 mg/m³
				Short time value	(VL: Valeur no	on réglementaire inc	licative)	0.02 ppm
						on réglementaire inc		0.2 mg/m ³
Germany				Time e une industra d'a			00)	0.05
4,4'-Methylendiphenyl pMDI (als MDI berechn						ure limit 8 h (TRGS 9 ure limit 8 h (TRGS 9		0.05 mg/m ³ 0.05 mg/m ³
	et)			Time-weighted a	average exposi		00)	0.05 11g/11
UK								
Isocyanates, all (as -NC	O) Except me	ethyl isocyanate			average exposi	ure limit 8 h (Workp	lace exposur	re limit 0.02 mg/m ³
				(EH40/2005)) Short time value	(Workplace o	xposure limit (EH40,	(2005))	0.07 mg/m ³
				Short time value			2003]]	0.07 mg/m
USA (TLV-ACGIH)								-
Methylene bisphenyl is		DI)		Time-weighted a	average exposi	ure limit 8 h (TLV - A	dopted Value	e) 0.005 ppm
b) National biological I								
If limit values are applie	able and ava	ilable these will b	e listed be	elow.				
8.1.2 Sampling methods						N		
Product name Isocyanates				Test NIOSH		Number 5521		
Isocyanates				NIOSH		5522		
8.1.3 Applicable limit value	es when usin	g the substance of	or mixture		_	5522		
If limit values are applic								
8.1.4 DNEL/PNEC values								
DNEL/DMEL - Workers								
propylene carbonate								
Effect level (DNEL/DI DNEL	MEL)	Туре		ta inkalati su		Value	Rer	mark
DINEL		Long-term syste Long-term local				70.53 mg/m ³ 20 mg/m ³		
		Long-term syste				20 mg/kg bw/day		
DNEL/DMEL - General	population	Long term syste						
propylene carbonate	population							
Effect level (DNEL/DI	MEL)	Туре				Value	Rer	mark
DNEL		Long-term syste	emic effec	ts inhalation		17.4 mg/m³		
		Long-term local				10 mg/m³		
		Long-term syste				10 mg/kg bw/day		
DNIFO		Long-term syste	emic effec	cts oral		10 mg/kg bw/day		
<u>PNEC</u> propylene carbonate								
Compartments			Value			Remar	k	
Fresh water			0.9 mg/l				/	
Marine water			0.09 mg/					
Aqua (intermittent re	leases)		9 mg/l					
STP			7400 mg					
Soil			0.81 mg/	/1				
8.1.5 Control banding	ala it will be l	isted below						
If applicable and availa	bie it will be i	isted below.						
2. Exposure controls								
The information in this sec			applicable	e and available, e	exposure scena	rios are attached in	annex. Alwa	iys use the relevant expos
scenarios that correspond								
8.2.1 Appropriate enginee							C	1
exhaust/ventilation or			igntly clos	sed. Measure the	e concentration	n in the air regularly.	. Carry opera	itions in the open/under l
8.2.2 Individual protection			orotective	equipment				
Observe very strict hyg					vork.			
a) Respiratory protection:								
Full face mask with filte	e <mark>r type A at co</mark>	onc. in air > expos	ure limit.					
b) Hand protection:								
Gloves.								
<u>c) Eye protection:</u> Safety glasses.								
d) Skin protection:				7				
Protective clothing.								
8.2.3 Environmental expos	sure controls	:						
n for revision: 3	510					Publication date: 20	10-09 06	
11101 1013011. 3						Date of revision: 20		
						Date of revision: 20	1/-11-0/	
an number: 0202						Droduct much a to	210	
on number: 0303						Product number: 49	1212	4/2

See headings 6.			Aqua	2MGII			
	2, 6.3 and <mark>13</mark>						
CTION 9: Phys	sical and	chemical	properties				
9.1. Information o	on basic phy	sical and chen	nical properties				
Physical form			Paste				
Odour			Characteristic odour				
Odour threshold	d		No data available				
Colour Particle size			<mark>Variable in col</mark> our, depe No data available	ending on the comp	osition		
Explosion limits	-		No data available				
Flammability			Non combustible				
Log Kow			Not applicable (mixture	e)			
Dynamic viscosi	ity		<mark>No data availa</mark> ble				
Kinematic viscos	sity		<mark>No data avail</mark> able				
Melting point			No data available			_	
Boiling point			No data available				
Flash point	0		Not applicable No data available	_			
Evaporation rate Relative vapour			Not applicable				
Vapour pressure			No data available				
Solubility			No data available				
Relative density			1.44				
Decomposition			No data available				
Auto-ignition te			No data available	winter of the state			
Explosive prope			No chemical group asso				
Oxidising prope pH	rues		No chemical group asso No data available		ig properties		
•					_		
9.2. Other information							
Absolute densit	У		1440 kg/m ³				
10.2. Chemical sta Stable under no 10.3. Possibility of No data availabl	rmal condition f hazardous						
Stable under no 10.3. Possibility of No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d	rmal condition f hazardous le. o avoid sures n naked flames, e materials le. lecompositi ease of toxic an kicologic	reactions /heat. Keep contai on products Id corrosive gases/ al informa	<mark>vapours e.g. h</mark> ydrogen c	chloride, carbon mc	noxide - carbon dioxic	le.	
Stable under no 10.3. Possibility of No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: Tox 11.1. Information 11.1.1 Test results the toxicity	rmal condition f hazardous le. o avoid sures n naked flames, e materials le. lecompositi ease of toxic an kicologic	reactions /heat. Keep contai on products Id corrosive gases/ al informa	<mark>vapours e.g. h</mark> ydrogen c	chloride, carbon mc	noxide - carbon dioxic	de.	
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: TOX 11.1. Information 11.1.1 Test results the toxicity guaswell No (test)data on the r Judgement is based o	In mail condition f hazardous le. o avoid sures n naked flames, le materials le. lecompositions contoxicolo on toxicolo mixture availation the relevant	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects	<mark>vapours e.g. h</mark> ydrogen c	chloride, carbon mc	noxide - carbon dioxic	de.	
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: Tox 11.1. Information 11.1.1 Test results the toxicity guaswell No (test)data on the r Judgement is based of propylene carbonate	In mail condition f hazardous le. o avoid sures n naked flames, le materials le. lecompositions ase of toxic and kicologic on toxicolo mixture availation the relevant	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects ele ingredients	'vapours e.g. hydrogen o tion				Remark
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: TOX 11.1. Information 11.1.1 Test results the toxicity guaswell No (test)data on the r Judgement is based o	In mail condition f hazardous le. o avoid sures n naked flames, le materials le. lecompositions contoxicolo on toxicolo mixture availation the relevant	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects ele ingredients	<mark>vapours e.g. h</mark> ydrogen c	chloride, carbon mo	noxide - carbon dioxic	Je. Value determination	Remark
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: Tox 11.1. Information 11.1.1 Test results the toxicity guaswell No (test)data on the r Judgement is based of propylene carbonate	In mail condition f hazardous le. o avoid sures n naked flames, le materials le. lecompositions ase of toxic and kicologic on toxicolo mixture availation the relevant	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects ele ingredients	'vapours e.g. hydrogen o tion			Value	
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: Tox 11.1. Information 11.1.1 Test results the toxicity guaswell No (test)data on the r Judgement is based of propylene carbonate Route of exposur	rmal condition f hazardous le. o avoid sures n naked flames, e materials le. lecompositi ease of toxic an kicologic on toxicolo	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects ele ingredients r Method	^{(vapours} e.g. hydrogen o tion Value		Species Rat (male/female) Rabbit	Value determination	
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: Tox 11.1. Information 11.1.1 Test results the toxicity guaswell No (test)data on the r Judgement is based of propylene carbonate Route of exposur Oral Dermal	In mail condition f hazardous le. o avoid sures n naked flames, le materials le. lecompositions ase of toxic and kicologic on toxicolo mixture availate on the relevant le Parameter LD50	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects ele ingredients r Method OECD 401	Vapours e.g. hydrogen o tion Value > 5000 mg/kg bw	Exposure time	Species Rat (male/female)	Value determination Experimental value Experimental value	
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: Tox 11.1. Information 11.1.1 Test results Ite toxicity quaswell No (test)data on the r Judgement is based o propylene carbonate Route of exposur Oral Dermal Inhalation	In mail condition f hazardous le. o avoid sures n naked flames, le materials le. lecompositions ase of toxic and kicologic on toxicolo mixture availate on the relevant le Parameter LD50	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects ele ingredients r Method OECD 401	Vapours e.g. hydrogen o tion Value > 5000 mg/kg bw	Exposure time	Species Rat (male/female) Rabbit (male/female) L	Value determination Experimental value Experimental value Data waiving	
Stable under no No data availabl 10.4. Conditions to Precautionary mea Keep away from 10.5. Incompatible No data availabl 10.6. Hazardous d On burning: rele CTION 11: Tox 11.1. Information 11.1.1 Test results the toxicity guaswell No (test)data on the r Judgement is based of propylene carbonate Route of exposur Oral Dermal	In mail condition f hazardous le. o avoid sures n naked flames, le materials le. lecompositions ase of toxic and kicologic on toxicolo mixture availate on the relevant le Parameter LD50	reactions /heat. Keep contai on products d corrosive gases/ al informa gical effects ele ingredients r Method OECD 401	Vapours e.g. hydrogen o tion Value > 5000 mg/kg bw	Exposure time	Species Rat (male/female) Rabbit	Value determination Experimental value Experimental value Data waiving 210-09-06	

Route of exposur	henyl iso <mark>cyanate</mark> e Parameter	e Method	Value	Exposure time	Species	Value	Remark
Route of exposur	e raiametei	Method	value	Exposure time	species	determination	Remain
Oral	LD50		> 10000 mg/kg		Rat	Literature study	
Dermal	LD50		<mark>> 5000 m</mark> g/kg		Rabbit	Literature study	
Inhalation (vapou	rs) LD50		10 mg/l - 20 mg/l	4 h I	Rat	Literature study	
Inhalation			category 4			Literature study	
drocarbons, C10-C1 Route of exposur			Value	Exposure time	Species	Value	Remark
Route of exposur	e raiametei	Metriou	value	Exposure time	species	determination	Remain
Oral	LD50	Equivalent to OECD 423	> 15000 mg/kg bw		Rat (male/female)	Read-across	
Dermal	LD50	Equivalent to OECD 402	≥ 3160 mg/kg bw		Rabbit (male/female)	Read-across	
Inhalation (vapou	rs) LC50	Equivalent to OECD 403	> 4951 mg/m ³ air	4 h	Rat (male)	Read-across	
clusion							
ot classified for acut	e toxicity						
on/irritation							
swell							
o (test)data on the r							
dgement is based o		ngredients					
opylene carbonate		Mathad	Fun a suma tima a	Times a sint	Creation	Malua	Damaarda
Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Irritating	OECD 405	2 seconds	1; 2; 3; 7 days	Rabbit	Experimental valu	e
Skin	Not irritating	Equivalent to	24 h	24; 72 hours	Rabbit	Experimental value	e
	not in nating	OECD 404			ind boit	Experimental valu	C
lymethylene polypl	henyl isocyanate	<u>e</u>					
Route of exposure	Result	Method	Exposure time	Time point	Species	Value	Remark
-						determination	
Еуе	Irritating;					Literature study	
Skin	category 2 Irritating;					Literature study	
экш	category 2					Literature study	
Inhalation	Irritating;					Literature study	
	STOT SE cat.3						
drocarbons, C10-C1							
Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Not irrit <mark>ating</mark>	Equivalent to OECD 405		1; 24; 48; 72; 168	Rabbit	Read-across	
Skip	Notirritating		4.6	hours 24; 48; 72 hours	Rabbit	Road across	
Skin	Not irritating	Equivalent to OECD 404	4 h	24; 48; 72 nours	Raddit	Read-across	
clusion	_	0200 404			-		
ot classified as irrita ot classified as irrita ot classified as irrita	ting to th <mark>e eyes</mark> ting to th <mark>e respi</mark>	ratory system					
tory or skin sensiti s <u>well</u> o (test)data on the r assification is based	mixture a <mark>vailabl</mark> e						
tory or skin sensitis well (test)data on the r assification is based opylene carbonate	mixture available I on the relevant	ingredients					
tory or skin sensitis well o (test)data on the r assification is based	mixture available I on the relevant		Exposure time	Observation time	Species	Value determination	Remark
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure	mixture available I on the r <mark>elevant</mark> Result	Method	Exposure time	Observation time point			Remark
tory or skin sensitis well o (test)data on the r assification is based opylene carbonate Route of exposure	mixture available I on the relevant Result Not sensitizing	Method Patch test	Exposure time			Value determination Experimental value	Remark
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure Skin	mixture available I on the relevant Result Not sensitizing henyl isocyanate	Method Patch test		point	Human (male/female)	Experimental value	
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure Skin	mixture available I on the relevant Result Not sensitizing henyl isocyanate	Method Patch test	Exposure time	point Observation time	Human (male/female)		
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure Skin lymethylene polypl Route of exposure	mixture available I on the relevant Result Not sensitizing henyl isocyanate Result Sensitizing;	Method Patch test		point	Human (male/female)	Experimental value	
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure Skin lymethylene polypl Route of exposure	mixture available I on the relevant Result Not sensitizing henyl isocyanate Result Sensitizing; category 1	Method Patch test		point Observation time	Human (male/female)	Experimental value Value determination Literature study	
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure Skin lymethylene polypi Route of exposure Skin	mixture available I on the relevant Result Not sensitizing henyl isocyanate Result Sensitizing; category 1 Sensitizing;	Method Patch test		point Observation time	Human (male/female)	Experimental value Value determination	
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure Skin lymethylene polypi Route of exposure Skin	mixture available I on the relevant Result Not sensitizing henyl isocyanate Result Sensitizing; category 1	Method Patch test		point Observation time	Human (male/female)	Experimental value Value determination Literature study	
tory or skin sensitis well (test)data on the r assification is based opylene carbonate Route of exposure Skin lymethylene polypi Route of exposure Skin	mixture available I on the relevant Result Not sensitizing henyl isocyanate Result Sensitizing; category 1 Sensitizing;	Method Patch test		point Observation time point	Human (male/female)	Experimental value Value determination Literature study Literature study	
tory or skin sensitis well (test)data on the r issification is based opylene carbonate Route of exposure skin lymethylene polypl Route of exposure skin halation	mixture available I on the relevant Result Not sensitizing henyl isocyanate Result Sensitizing; category 1 Sensitizing;	Method Patch test		point Observation time point	Human (male/female)	Experimental value Value determination Literature study Literature study 210-09-06	

						A	quas	SVVE	÷11				
hvc	drocarbons, C10-C12	isoalk	anos	2% aromatics		_							
	oute of exposure R			Method	E	xposu	re time	Obser point	vation time	Species	Value det	ermination	Remark
S	kin N	lot sens	itizing		OECD			24; 48	3 hours		Read-acro	SS	
S	kin N	lot sens	itizing	406 Human obse	rvation		_			(female) Human	Read-acro	SS	
	lusion		. 0										<u> </u>
	y cause allergy or as			ms or breathing	difficultie	s if inh	aled.						
NO	t classified as sensiti	zing for	skin										
Specific	target organ toxicity	у											
Aquasy	well												
•	test)data on the mix												
	lgement is based on opylene carbonate	the rele	evanti	ngredients									
<u>pro</u>	Route of exposure	Param	eter	Method	Value		Organ	E	ffect	Exposure time	Speci	es	Value
		10.15			5000	4	ļ			10 1 /5			determination
	Oral (stomach tube)	NOAEL		Equivalent to OECD 408	> 5000 m bw/day	ng/kg		N	lo effect	13 weeks (5 days/week)	Rat (male	/female)	Experimental value
	Dermal				. , ,							, ,	Data waiving
	Inhalation (aerosol)				100 mg/r	n³ air		Ν	lo effect	13 weeks (6h/da			Experimental
	Inhalation (across)	effects		OECD 413	E00 mg/r	m ³ air	Evolid		ritation of the	days/week)		/female)	value
	Inhalation (aerosol)	effects		Equivalent to OECD 413	500 mg/r	in air	cyelld		ritation of the ye tissue	e 13 weeks (6h/da days/week)		/female)	Experimental value
	Inhalation (aerosol)	NOAEC	2	Equivalent to	1000 mg	/m³ air		Ν	lo adverse	13 weeks (6h/da	y, 5 Rat	<u> </u>	Experimental
		system effects		OECD 413				S	ystemic effect	ts days/week)	(male	/female)	value
nol	ymethylene polyphe			e		_							
<u>por</u>	Route of exposure			Method	Value		Organ	E	ffect	Exposure time	Speci	es	Value
		1							_		_		determination
byc	Inhalation drocarbons, C10-C12	Lisoalk	2005	2% aromatics	STOT RE	cat.2			_	_			Literature study
<u>nyc</u>	Route of exposure			Method	Value		Organ	E	ffect	Exposure time	Speci	es	Value determination
	Oral (stomach	NOAEL		Equivalent to	≥ 1000 m	ig/kg		Ν	lo effect		Rat		Read-across
	tube) Oral (diat)			OECD 422	bw/day				lo effect	13 weeks (daily)		/female)	Dood oproce
	Oral (diet)	NOAEL		Equivalent to OECD 408	≥ 1000 pj	pm		N	lo effect	13 weeks (dally)	Dog (male	/female)	Read-across
	Oral (diet)	NOAEL		Equivalent to OECD 408	≥ 30000 j	ppm		Ν	lo effect	13 weeks (daily)	Rat (male	/female)	Read-across
	Inhalation (vapours)	NOAEC		Equivalent to OECD 413	> 10400 ı air	mg/m³				13 weeks (6h/da days/week)		/female)	Read-across
Conc	lusion			0100 413	an					udys/ weeky	Indic	(remain)	
Not	t classified for subch	ronic to	oxicity										
Mutager	nicity (in vitro)												
•	• • •												
<u>Aquas</u> No	<u>weii</u> (test)data on the m	ixture a	vailabl	e									
	pylene carbonate												
	Result			ethod			Test subst			ffect			ermination
	Negative with meta activation, negative			uivalent to OEC	D 471		Bacteria (S	5.typhim	urium)			Experimer	ntal value
	metabolic activatio												
	Negative without n	netaboli	ic Eq	uivalent to OEC	D 482		Rat liver ce	ells	1			Experimer	ntal value
	activation	-					-			_			
								_	_				
Reaconf	for revision: 3	_					-		n	ublication date: 20	10 <u>-</u> 00.06		
neasuitt	5 TEVISION, 5					Date of revision: 2017-11-07							
Revision	number: 0303								Р	roduct number: 49	319		7 / 14

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	Equivalent to OECD 476	Chinese hamster lung fibroblasts (V79)		Read-across
Negative with metabolic activation, negative without metabolic activation	Equivalent to OECD 476	Mouse (lymphoma L5178Y cells)		Read-across
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S.typhimurium)		Read-across
Negative with metabolic activation, negative without metabolic activation	Equivalent to OECD 479	Chinese hamster ovary (CHO)		Read-across
Negative with metabolic activation, negative without metabolic activation	Equivalent to OECD 473	Human lymphocytes		Read-across

Mutagenicity (in vivo)

Aquaswell

No (test)data on the mixture available

Judgement is based on the relevant ingredients

propylene carbonate

	Result		Method	Exposure 1	time	Test substrate	Organ	Value determination
	Negative		Equivalent to OECD			Mouse (male/female)		Experimental value
			474					
hyd	rocarbons, C10-C12, isoalka	anes, < 2%	aromatics					
	Result		Method	Exposure t	time	Test substrate	Organ	Value determination

Nesult	Method	Lvhos			Orga	11	
Negative	Equivalent to OECD			Mouse (male/female)	Bone	e marrow	Read-across
	474						
Negative	Equivalent to OECD 478	5 day	s (6h/day)	Rat (male/female)			Read-across

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

Aquaswell

No (test)data on the mixture available

Judgement is based on the relevant ingredients

propylene carbonate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	· J.	Value determination
Dermal		OECD 451		104 weeks (2	Mouse (male)	No carcinogenic		Experimental
				times/week)		effect		value
olymethylene p	olyphenyl isoc	vanate						

	Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	- J.	Value determination
	Unknown			category 2					Literature study
hyd	Irocarbons, C10	D-C12, isoalkar	ies, < 2% aromatic	<u>s</u>					

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	- J	Value determination
Inhalation (vapours)	NOAEC	Equivalent to OECD 453	0,	105 weeks (6h/day, 5 days/week)	Rat (female)	No effect		Read-across
Inhalation (vapours)	NOAEC	Equivalent to OECD 453	0.	105 weeks (6h/day, 5 days/week)	Rat (male)	No effect		Read-across
Inhalation (vapours)	NOAEC	Equivalent to OECD 453	0,	105 weeks (6h/day, 5 days/week)	Mouse (male)	No effect		Read-across
Inhalation (vapours)	NOAEC	Equivalent to OECD 453	0,	105 weeks (6h/day, 5 days/week)	Mouse (female)	No effect		Read-across

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

<u>Aquaswell</u>

No (test)data on the mixture available

Judgement is based on the relevant ingredients

Reason for revision: 3

propylene carbonate								
	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
Maternal toxicity	NOAEL	Equivalent to OECD 414	> 5000 mg/kg bw/day	10 day(s)	Rat	No effect		Experimental value
Effects on fertility	NOAEL	Fertility Assessment	10100 mg/kg bw/day		Mouse (male/female)	No effect		Read-across
hydrocarbons, C10-C12, isoa	alkanes, < 2% arc	omatics						
	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	Equivalent to OECD 414	≥ 5220 mg/m³ air	10 days (6h/day)	Rat (male/female)	No effect		Experimental value
Maternal toxicity	NOAEL	OECD 414	≥ 5220 mg/m ³ air	10 days (6h/day)	Rat (female)	No effect		Experimental value
Effects on fertility	NOAEC (P/F1)	Equivalent to OECD 421	≥ 300 ppm	8 weeks (6h/day, 5	Rat (male/female)	No effect		Experimental value

days/week)

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

<u>Aquaswell</u>

No (test)data on the mixture available

Chronic effects from short and long-term exposure

Aquaswell

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Respiratory difficulties. Skin rash/inflammation.

SECTION 12: Ecological information

12.1. Toxicity

propylene carbonate

<u>Aquaswell</u>

No (test)data on the mixture available

Classification is based on the relevant ingredients

	Parameter	Method	Value	Duration	Species		Fresh/salt water	Value determination
Acute toxicity fishes	LC50		<mark>5300</mark> mg/l	96 h	Leuciscus idus	Static system		
Acute toxicity crustacea	EC50		<mark>> 100</mark> 0 mg/l	48 h	Daphnia magna			GLP
Toxicity algae and other aquatic plants	EC50		<mark>> 900</mark> mg/l	72 h	Scenedesmus subspicatus			Biomass

polymethylene polyphenyl isocyanate

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity other aquatic organisms	LC50		> 1000 mg/l	96 h				Literature study
Toxicity aquatic micro- organisms	EC50	OECD 209	> 100 mg/l		Activated sludge			Literature study

hydrocarbons, C10-C12, isoalkanes, < 2% aromatics

	Parameter	Method	Value	Duration	Species		Fresh/salt water	Value determination
Acute toxicity fishes	LL50	OECD 203	> 1000 mg/l	96 h	· · · · ·	Semi-static system	Fresh water	Experimental value; GLP
Acute toxicity crustacea	EL50	OECD 202	> 1000 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; GLP
Toxicity algae and other aqu <mark>ati</mark> plants	c EL50	OECD 201	> 1000 mg/l	72 h	Pseudokirchnerie Ila subcapitata	Static system		Experimental value; GLP
Long-term toxicity fish	NOELR		0.192 mg/l	28 day(s)	Oncorhynchus mykiss		Fresh water	QSAR; Growth
Long-term toxicity aquatic crustacea	NOELR	OECD 211	< 1 mg/l	21 day(s)		Semi-static system	Fresh water	Experimental value; GLP

Conclusion

Harmful to aquatic life with long lasting effects.

Reason for revision: 3

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Product number: 49319

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

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 09* (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants containing organic solvents or other hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Recycle/reuse. Remove to an incinerator for chlorinated waste materials with energy recovery. 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 na	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/	78		Not applicable, based on available data

SECTION 15: Regulatory information

15.1. Safety, health and e	environmental regulations/le	gislation	specific for	the substance or	mixture
Example of the state of the sta					

European legislation:

VOC content Directive 2010/75/EU

VOC content		Remark	
2.95 %			
42.48 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 and use of certain dangerous substances, mixtures and articles.

			Designation of the substance, of the substances or of the mixture	e group of	Conditions of restriction	
	 propylene carbonate polymethylene polyphenyl isocyana hydrocarbons, C10-C12, isoalkanes, aromatics 	. < 2%	Liquid substances or mixtures which regarded as dangerous in accordan Directive 1999/45/EC or are fulfillin criteria for any of the following haz or categories set out in Annex I to R (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and types A and B, 2.9, 2.10, 2.12, 2.13 and 2, 2.14 categories 1 and 2, 2.15 F; (b) hazard classes 3.1 to 3.6, 3.7 ad effects on sexual function and fertil development, 3.8 effects other that effects, 3.9 and 3.10;	ce with g the ard classes Regulation d 2.7, 2.8 categories 1 i types A to verse ity or on n narcotic	 Shall not be used in: ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, tricks and jokes, games for one or more participants, or any article intended to be used as such, eve ornamental aspects, Articles not complying with paragraph 1 shall not be placed on the market. Shall not be placed on the market if they contain a colouring agent, unless required fiscal reasons, or perfume, or both, if they: can be used as fuel in decorative oil lamps for supply to the general public, and, present an aspiration hazard and are labelled with R65 or H304, Decorative oil lamps for supply to the general public shall not be placed on the mar unless they conform to the European Standard on Decorative oil lamps (EN 14059) ad by the European Committee for Standardisation (CEN). 	en with I for ket
Rea	son for revision: 3				Publication date: 2010-09-06 Date of revision: 2017-11-07	
Rev	ision number: 0303				Product number: 49319 11	/ 14

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		l class 4.1; d class 5.1.		5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following 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.'
• hydrocarbons, C10-C12, isoalkanes aromatics	category 1, 2 or 3, substance with wate 2 or 3, py pyrophor whether that Regu	es classified as flammable 1 or 2, flammable liquids o flammable solids category es and mixtures which, in o er, emit flammable gases, rophoric liquids category 1, regarc they appear in Part 3 of Ar Ilation or not.	ategories 1 or 2, contact category 1, 1 or dless of nex VI to	 "whoopee" cushions, silly string aerosols, imitation excrement, horns for parties, decorative flakes and foams, artificial cobwebs, stink bombs. 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". 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. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.
- polymethylene polyphenyl isocyan	including Methyler Methyler	ediphenyl diisocyanate (N the following specific ison iediphenyl diisocyanate; 2 iediphenyl diisocyanate; 2 iediphenyl diisocyanate	ners: 4,4'- ,4'-	 Shall not be placed on the market after 27 December 2010, as a constituent of mixtures in concentrations equal to or greater than 0,1 % by weight of MDI for supply to the general public, unless suppliers shall ensure before the placing on the market that the packaging: (a) contains protective gloves which comply with the requirements of Council Directive 89/686/EEC; (b) is marked visibly, legibly and indelibly as follows, and without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures:
National legislation Belgium Aquaswell	1			
No data available				
<u>National legislation The Net</u> Aquaswell	herlands			
Waterbezwaarlijkheid	A (3)			
<u>National legislation France</u> <u>Aquaswell</u> No data available <u>polymethylene polypher</u>	yl isocyanate			
Catégorie cancérogène	4,4'-Diis	ocyanate de diphényln	néthane; C	2
National legislation German	У			
Aquaswell WGK	Stoffe (\			the components in compliance with Verwaltungsvorschrift wassergefährdender 4) and Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen
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propylene carbonate	
TA-Luft	5.2.5
polymethylene polyp	phenyl isocyanate
TA-Luft	5.2.5:1
TRGS900 - Risiko de	er 4,4'-Methylendiphenyldiisocyanat; Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwe
Fruchtschädigung	und des biologischen Grenzwertes nicht befürchtet zu werden
ruchtschauigung	
	pMDI (als MDI berechnet); Y; Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und
	biologischen Grenzwertes nicht befürchtet zu werden
Sensibilisierende St	
	Zielorganen Allergien auslösende
	pMDI (als MDI berechnet); Sa; Atemwegssensibilisierende Stoffe
TRGS905 - Krebserz	zeug <mark>end Techn. ("Polymeres") MDI (pM</mark> DI) (in Form atembarer Aerosole, A-Fraktion); 2
TRGS905 - Erbgutve	
TRGS905 -	Techn. ("Polymeres") MDI (pMDI) (in Form atembarer Aerosole, A-Fraktion); -
Fruchtbarkeitsgefäl	
TRGS905 - Fruchtsc	
Hautresorptive Stor	
	pMDI (als MDI berechnet); H; Hautresorptiv
hydrocarbons, C10-C	12, isoalkanes, < 2% aromatics
TA-Luft	5.2.5;1
National legislation Unit	ted Kingdom
Aguaswell	
No data available	
	shared in option at a
polymethylene polyp	
Skin Sensitisation	Isocyanates, all (as -NCO) Except methyl isocyanate; Sen
Respiratory sensitis	sation Isocyanates, all (as -NCO) Except methyl isocyanate; Sen
Other relevant data	
Aquaswell	
No data available	
	nhenvl isocvanate
nolymethylene polyn	
	assessment has been conducted for the mixture.
IARC - classification 5.2. Chemical safety a No chemical safety as FION 16: Other	assessment ssessment has been conducted for the mixture.
IARC - classification 5.2. Chemical safety a No chemical safety as FION 16: Other Full text of any H-statem	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information nents referred to under heading 3:
IARC - classification 5.2. Chemical safety a No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq	assessment assessment ssessment has been conducted for the mixture. information nents referred to under heading 3: guid and vapour.
IARC - classification 5.2. Chemical safety a No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information nents referred to under heading 3:
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IARC - classification 5.2. Chemical safety as No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information nents referred to under heading 3: quid and vapour. f swallowed and enters airways.
IARC - classification 5.2. Chemical safety as No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr	assessment assessment ssessment has been conducted for the mixture. information nents referred to under heading 3: quid and vapour. f swallowed and enters airways. ritation. allergic skin reaction.
IARC - classification 5.2. Chemical safety as No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause an	assessment assessment ssessment has been conducted for the mixture. information ments referred to under heading 3: quid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation.
IARC - classification 5.2. Chemical safety as No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause an H319 Causes serious H332 Harmful if inha	assessment assessment ssessment has been conducted for the mixture. information ments referred to under heading 3: quid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation.
IARC - classification 5.2. Chemical safety a No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause an H319 Causes serious H332 Harmful if inha H334 May cause alle	assessment assessment ssessment has been conducted for the mixture. information ments referred to under heading 3: uid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation. aled. ergy or asthma symptoms or breathing difficulties if inhaled.
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IARC - classification 5.2. Chemical safety as No chemical safety as FION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause an H319 Causes serious H332 Harmful if inha H334 May cause alle H335 May cause res H351 Suspected of c H373 May cause dar	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information nents referred to under heading 3: uid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation. aled. ergy or asthma symptoms or breathing difficulties if inhaled. spiratory irritation. causing cancer. mage to organs through prolonged or repeated exposure if inhaled.
IARC - classification No chemical safety as No chemical safety as TION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause an H319 Causes serious H332 Harmful if inha H334 May cause alle H335 May cause res H351 Suspected of c H373 May cause dar H411 Toxic to aquat	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information nents referred to under heading 3: quid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation. aled. ergy or asthma symptoms or breathing difficulties if inhaled. spiratory irritation. causing cancer. mage to organs through prolonged or repeated exposure if inhaled. tic life with long lasting effects.
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IARC - classification No chemical safety as No chemical safety as TION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause an H319 Causes serious H332 Harmful if inha H334 May cause alle H335 May cause res H351 Suspected of c H373 May cause dar H411 Toxic to aquat H412 Harmful to aqu (*)	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information ments referred to under heading 3: quid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation. aled. ergy or asthma symptoms or breathing difficulties if inhaled. spiratory irritation. causing cancer. mage to organs through prolonged or repeated exposure if inhaled. tic life with long lasting effects. juatic life with long lasting effects. juatic life with long lasting effects.
IARC - classification No chemical safety as No chemical safety as TION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause as H319 Causes serious H332 Harmful if inha H334 May cause alle H335 May cause dar H315 Suspected of c H373 May cause dar H411 Toxic to aquat H412 Harmful to aqu (*) CLP (EU-GHS)	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information ments referred to under heading 3: quid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation. aled. ergy or asthma symptoms or breathing difficulties if inhaled. spiratory irritation. causing cancer. mage to organs through prolonged or repeated exposure if inhaled. tic life with long lasting effects. juatic life with long lasting effects. juatic life with long lasting effects. INTERNAL CLASSIFICATION BY BIG Classification, labelling and packaging (Globally Harmonised System in Europe)
IARC - classification No chemical safety as No chemical safety as TION 16: Other Full text of any H-statem H226 Flammable liq H304 May be fatal if H315 Causes skin irr H317 May cause an H319 Causes serious H332 Harmful if inha H334 May cause alle H335 May cause res H351 Suspected of c H373 May cause dar H411 Toxic to aquat H412 Harmful to aqu (*)	3; Polymethylene polyphenyl isocyanate assessment ssessment has been conducted for the mixture. information ments referred to under heading 3: quid and vapour. f swallowed and enters airways. ritation. allergic skin reaction. s eye irritation. aled. ergy or asthma symptoms or breathing difficulties if inhaled. spiratory irritation. causing cancer. mage to organs through prolonged or repeated exposure if inhaled. tic life with long lasting effects. juatic life with long lasting effects. juatic life with long lasting effects.
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polymethylene polyphen <mark>yl isocyanate</mark>	C ≥ 5 %	Eye Irrit 2;H319	analogous to Annex VI
	C ≥ 5 %	Skin Irrit 2;H315	analogous to Annex VI
	C ≥ 0.1 %	Resp Sens 1;H334	analogous to Annex VI
	C≥5%	STOT SE 3;H335	analogous to Annex VI

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Reason for revision: 3

Revision number: 0303

Publication date: 2010-09-06 Date of revision: 2017-11-07

Product number: 49319