

## SAFETY DATA SHEET

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

## **Soudal PU Gun and Foam Cleaner**

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

### 1.1. Product identifier

Product name Registration number REACH Product type REACH : Soudal PU Gun and Foam Cleaner : Not applicable (mixture) : Mixture

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

### <u>1.2.1 Relevant identified uses</u> Detergent according to Regulation (EC) No 648/2004

1.2.2 Uses advised against No uses advised against known

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

## Supplier of the safety data sheet

SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout **2** +32 14 42 42 31 +32 14 42 65 14 msds@soudal.com

### Manufacturer of the product

SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout T +32 14 42 42 31 +32 14 42 65 14 msds@soudal.com

## 1.4. Emergency telephone number

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

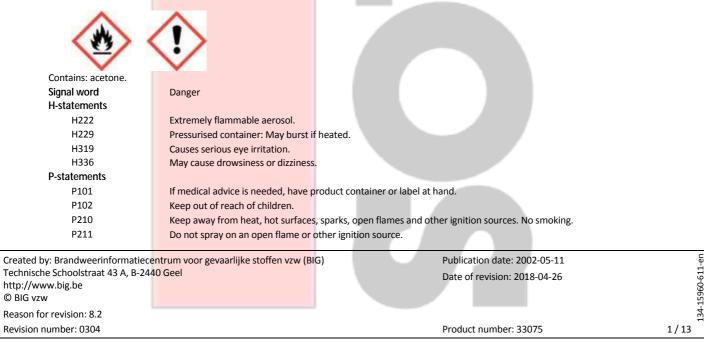
+32 14 58 45 45 (BIG)

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Class	Category	Hazard statements
Aerosol	categ <mark>ory 1</mark>	H222: Extremely flammable aerosol.
Aerosol	categ <mark>ory 1</mark>	H229: Pressurised container: May burst if heated.
Eye Irrit.	categ <mark>ory 2</mark>	H319: Causes serious eye irritation.
STOT SE	category 3	H336: May cause drowsiness or dizziness.

## 2.2. Label elements



P251 P280

P304 + P340 P410 + P412

P501

P340

Do not pierce or burn, even after use. Wear eye protection/face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122°F.

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

Supplemental information EUH066

Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

Gas/vapour spreads at floor level: ignition hazard

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable

3.2. Mixtures

		CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark	
acetone 01-2119471330-49		67-64-1 200-662-2		Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	(1)(2)(10)	Constituent	
butane 01-2119474691-32		106-97-8 203-448-7		Flam. Gas 1; H220 Press. Gas - Liquefied gas;	(1)(2)(10)	Propellant	
propane 01-2119486944-21		74-98-6 200-827-9		Flam. Gas 1; H220 Press. Gas - Liquefied gas;	(1)(2)(10)	Propellant	
(1,3-butadiene, conc<0.1%)							

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

(2) Substance with a Community workplace exposure limit

(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:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

### After inhalation:

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

After skin contact:

Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

#### After eye contact:

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

#### After ingestion:

Rinse mouth with water. Do not induce vomiting. 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:

EXPOSURE TO HIGH CONCENTRATIONS: Feeling of weakness. Central nervous system depression. Dizziness. Narcosis. Excited/restless. Drunkenness. Disturbed motor response. Headache. Respiratory difficulties. Disturbances of consciousness.

After skin contact: ON CONTINUOUS EXPOSURE/CONTACT: Dry skin. Cracking of the skin.

After eye contact:

Irritation of the eye tissue. 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.

Publication date: 2002-05-11 Date of revision: 2018-04-26

Revision number: 0304

Reason for revision: 8.2

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<ul> <li>6.1. Personal precautions, protective equipment and emergency procedures Stope regines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment.</li> <li>6.1. Protective equipment for non-emergency responders Gloves. Protective equipment for emergency responders Gloves. Protective equipment of commergency responders Gloves. Protective equipment and cloaning up Take up lequid spill into a non-combustible material equi-sami/earth. Scoop absorbed substance into closing containers. Carofully collect the spill/leftowers Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash dothing and equipment after hanc 6.4. Reference to other sections See heading 13.</li> <li>CTION 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 exposur scenarios that Co-Observe commerds. </li> <li>7.1. Precautions for safe handling Use spark/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Gas/vapour heav than air at 20°C. Observe commerds. </li> <li>7.2. Conditions for safe storage, including any incompatibilities 7.1.1 Safe storage requirements. </li> <li>7.2. Alon suitable packaging material: No data available </li> <li>7.2. Alon suitable packaging material: No data available </li> <li>7.2. Alon suitable packaging material: No data available </li> <li>7.2. Alon suitable packaging material: No data a</li></ul>		Gun and Foam Cleaner
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<ul> <li>5.3. Advice for firefighters</li> <li>5.1 Instructions:</li> <li>11 exposed to fire cool the desed containers by spraying with water. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistent risk of physical explosion.</li> <li>5.3.2 Special protective equipment for fire-fighters:</li> <li>Gives. Protective equipment for non-emergency personnel</li> <li>See heading 8.2</li> <li>6.1 Personal precautions:</li> <li>Gives. Protective equipment for non-emergency personnel</li> <li>See heading 8.2</li> <li>7.2 Protective equipment for non-emergency personnel</li> <li>See heading 8.2</li> <li>7.2 Protective equipment for non-emergency personnel</li> <li>See heading 8.2</li> <li>7.2 Protective equipment for emergency responders</li> <li>Glves. Protective equipment for emergency responders</li> <li>Glves. Protective equipment for emergency responders</li> <li>Glves. Anotective equipment for emergency responders</li> <li>Clustence equipment for emergency responders</li> <li>Glves. Anotective equipment for emergency responders</li> <li>Clustence equipment for emergency responders</li> <li>Clustence equipment and cleaning up</li> <li>Take ofference to other sections</li> <li>See heading 13.</li> <li>Clustence equipment and secret for the specific emain and activate exponer (clustence) and equipment atter have a specific emain and activate exponer (clustence) and anotective (clustence) and activate emptoperson (clustence) and activate exponer (clustence) and a</li></ul>	5.2. Special hazards arising from the substance or	r mixture
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Short ti Short ti Alcanes C1- Time-w exposu Time-w exposu Short ti Short ti	time value 1000 ppm time value 2420 mg/ weighted average exposure limit 8 h 1000 ppm weighted average exposure limit 8 h (Public occupational 501 ppm ure limit value) 501 ppm ure limit value) 1210 mg/ ure limit value) 1002 ppm time value (Public occupational exposure limit value) 1002 ppm time value (Public occupational exposure limit value) 2420 mg/ weighted average exposure limit 8 h (VRC: Valeur réglementaire 500 ppm ignante) 500 ppm ignante) 1210 mg/ ure glementaire contraignante) 1000 ppm time value (VRC: Valeur réglementaire contraignante) 1000 ppm time value (VRC: Valeur réglementaire contraignante) 1000 ppm mentaire indicative) 800 ppm nentaire indicative) 1900 mg/ meighted average exposure limit 8 h (VL: Valeur non 1900 mg/ nentaire indicative) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 500 ppm weighted average exposure limit 8 h (TRGS 900) 1200 mg/ meighted average exposure limit 8 h (TRGS 900) 1200 mg/ weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1800 mg/ weighted average exposure limit 8 h (TRGS 900) 1800 mg/
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Short ti Short ti Short ti Time-w Time-w réglemo Time-w Time-w Time-w Time-w Time-w Time-w Time-w Time-w Time-w Time-w	time value (VRC: Valeur réglementaire contraignante) 1000 ppm time value (VRC: Valeur réglementaire contraignante) 2420 mg/ weighted average exposure limit 8 h (VL: Valeur non 800 ppm nentaire indicative) 1900 mg/ nentaire indicative) 1900 mg/ nentaire indicative) 500 ppm weighted average exposure limit 8 h (TRGS 900) 500 ppm weighted average exposure limit 8 h (TRGS 900) 1200 mg/ weighted average exposure limit 8 h (TRGS 900) 2400 mg/ weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 1000 ppm weighted average exposure limit 8 h (TRGS 900) 500 ppm /2005))
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réglem Time-w réglem Time-w Time-w Time-w Time-w Time-w Time-w Time-w Time-w (EH40/2	mentaire indicative)       1900 mg/         weighted average exposure limit 8 h (VL: Valeur non nentaire indicative)       1900 mg/         weighted average exposure limit 8 h (TRGS 900)       500 ppm         weighted average exposure limit 8 h (TRGS 900)       1200 mg/         weighted average exposure limit 8 h (TRGS 900)       1200 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       2400 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1800 mg/         weighted average exposure limit 8 h (Workplace exposure limit       500 ppm         /2005))       500 ppm
réglemo Time-w Time-w Time-w Time-w Time-w Time-w Time-w (EH40/2	mentaire indicative)       500 ppm         weighted average exposure limit 8 h (TRGS 900)       500 ppm         weighted average exposure limit 8 h (TRGS 900)       1200 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       2400 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1800 mg/         weighted average exposure limit 8 h (Workplace exposure limit       500 ppm         /2005))       500 ppm
Time-w Time-w Time-w Time-w Time-w Time-w (EH40/2	weighted average exposure limit 8 h (TRGS 900)       1200 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       2400 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1800 mg/         weighted average exposure limit 8 h (Workplace exposure limit 500 ppm         /2005))       500 ppm
Time-w Time-w Time-w Time-w Time-w Time-w (EH40/2	weighted average exposure limit 8 h (TRGS 900)       1200 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       2400 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1800 mg/         weighted average exposure limit 8 h (Workplace exposure limit 500 ppm         /2005))       500 ppm
Time-w Time-w Time-w Time-w Time-w Time-w (EH40/2	weighted average exposure limit 8 h (TRGS 900)       1200 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       2400 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1800 mg/         weighted average exposure limit 8 h (Workplace exposure limit 500 ppm         /2005))       500 ppm
Time-w Time-w Time-w Time-w Time-w (EH40/2	weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       2400 mg/         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1800 mg/         weighted average exposure limit 8 h (Workplace exposure limit 500 ppm         /2005))       500 ppm
Time-w Time-w Time-w (EH40/2	weighted average exposure limit 8 h (TRGS 900)       1000 ppm         weighted average exposure limit 8 h (TRGS 900)       1800 mg/         weighted average exposure limit 8 h (Workplace exposure limit 500 ppm / 2005))       500 ppm
Time-w Time-w (EH40/:	weighted average exposure limit 8 h (TRGS 900) 1800 mg/ weighted average exposure limit 8 h (Workplace exposure limit 500 ppm /2005))
Time-w (EH40/2	weighted average exposure limit 8 h (Workplace exposure limit 500 ppm /2005))
(EH40/2	/2005))
(EH40/2	/2005))
(EH40/2	weighted average exposure limit 8 h (Workplace exposure limit 1210 mg/ /2005))
Short ti	time value (Workplace exposure limit (EH40/2005)) 1500 ppm
Short ti	time value (Workplace exposure limit (EH40/2005)) 3620 mg/
Time-w (EH40/2	weighted average exposure limit 8 h (Workplace exposure limit 600 ppm /2005))
Time-w (EH40/2	weighted average exposure limit 8 h (Workplace exposure limit 1450 mg/ /2005))
<u>e</u>	time value (Workplace exposure limit (EH40/2005)) 750 ppm
Short ti	time value (Workplace exposure limit (EH40/2005)) 1810 mg/
	weighted average exposure limit 8 h (TLV - Adopted Value) 250 ppm
	time value (TLV - Adopted Value) 500 ppm
Short ti	time value (TLV - Adopted Value) 1000 ppm
II be listed below.	
ositionsende, bzw. s	schichtende 80 mg/l 11/2012 Ständige Senatskomm
	Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG
d of shift	25 mg/L
Test	st Number
NHO	OSH 1300
NIO	
	Publication date: 2002-05-11 Date of revision: 2018-04-26
0	Short short soositionsende, bzw. nd of shift

Product name				Test	Number		
Acetone (ketones I)				NIOSH	2555		
Acetone (organic and inc	rganic gas	es hy Extractivo ET	TIR)	NIOSH	3800		
Acetone (Volatile Organi				NIOSH	2549		
ACETONE and METHYLE		,		NIOSH	8319		
	THEREIC	and in unne					
Acetone	whon	a the substance	or misture -	OSHA	69		
3.1.3 Applicable limit values							
If limit values are applica 3.1.4 DNEL/PNEC values DNEL/DMEL - Workers	ble and av	ailable these will b	e listed belo	ow.			
acetone							
Effect level (DNEL/DM	FL)	Туре			Value		Remark
DNEL		Long-term syste	emic effects	inhalation	1210 mg/m	1 <sup>3</sup>	Kennark
DINEL		Acute local effe			2420 mg/m		
		Long-term syste			186 mg/kg		
DNEL/DMEL - General po	opulation	Long-term syste	ennic enects	uerria	100 Hig/ Kg	Dw/uay	
	opulation						
acetone Effect level (DNEL/DM	FL)	Type			Value		Remark
	LL)	Type	min offerer	inholation			Remark
DNEL		Long-term syste			200 mg/m <sup>3</sup>		
		Long-term syste			62 mg/kg b		
		Long-term syste	emic effects	oral	62 mg/kg b	w/day	
<u>PNEC</u>							
acetone							
Compartments			Value			Remark	
Fresh water			10.6 mg/l				
Aqua (intermittent rele	eases)		21 mg/l				
Marine water			1.06 mg/l				
STP			100 mg/l				
Fresh water sediment			0.	sediment dw			
Marine water sedimen	t			sediment dw			
Soil						_	
scenarios that correspond to 3.2.1 Appropriate engineeri Use spark-/explosionpro	on is a gen o your iden <b>ng control</b> of appliance	eral description. If tified use. <b>s</b>		ind available, exposi			ex. Always use the relevant e on sources/sparks. Measure t
If applicable and available <b>Exposure controls</b> The information in this sections control to the section of the sections control to the section of the se	on is a gen o your iden ng control of appliano regularly. neasures, standards	eral description. If tified use. s ses and lighting sys such as personal p . Do not eat, drink	applicable a stem. Keep a protective eq or smoke du	ind available, exposi way from naked flar quipment			
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Reason for revision: 8.2

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Product number: 33075

Evaporation rate	No data available
Relative vapour density	No data available
Vapour pressure	8530 hPa ; 20 °C
Solubility	Water ; complete
	Ethanol ; soluble
	Ether ; soluble
Relative density	No data available
Decomposition temperat	t <mark>ure No data available available</mark>
Auto-ignition temperatur	r <mark>e No data available and a second and a s</mark>
Flash point	Not applicable
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
рН	No data available
9.2. Other information	
Absolute density	No data available
CTION 10: Stability 10.1. Reactivity May be ignited by sparks.	. Gas/vapour spreads at floor level: ignition hazard. No data available.
10.2. Chemical stability Stable under normal conc	ditions.
Stable under normal conc 10.3. Possibility of hazard	dous reactions
Stable under normal conc 10.3. Possibility of hazard No data available. 10.4. Conditions to avoid Precautionary measures	dous reactions

10.6. Hazardous decomposition products

Upon combustion: CO an<mark>d CO2 are formed.</mark>

## **SECTION 11: Toxicological information**

- 11.1. Information on toxicological effects
  - 11.1.1 Test results

### Acute toxicity

Soudal PU Gun and Foam Cleaner
--------------------------------

Route of exposure	Parameter	Method	Value	Exposure time		Value determination	Remark
Oral	LD50		<mark>&gt; 5000 mg/</mark> kg bw		Rat	Calculated value	

Judgement is based on the relevant ingredients

ace	tone					
	Route of exposure	Para	meter	Met	thod	Value
		-				

						determination	
Oral	LD50	Equivalent to OECD 401	5800 mg/kg		Rat (female)	Experimental value	
Dermal	LD50	Equivalent to OECD 402	20000 mg/kg		Rabbit (male)	Experimental value	
Inhalation (vapours)	LC50	Other	76 mg/l	4 h	Rat (female)	Experimental value	
Inhalation (vapours)	LCL0	Other	16000 ppm	4 h	Rat	Experimental value	

Exposure time

Species

Value

Remark

Conclusion

Low acute toxicity by the dermal route

Low acute toxicity by the oral route

Low acute toxicity by the inhalation route

### Corrosion/irritation

Soudal PU Gun and Foam Cleaner

No (test)data on the mixture a<mark>vailable</mark>

Classification is based on the relevant ingredients

Reason for revision: 8.2

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Date of Tevision. 2010-0

## Soudal DI I Cup and Foam Cloanor

<u>etone</u> Route of exposi	ıre Result	Method	E	kposure time	Time point	Species	Value	Remark
Eye	Irritatin <mark>g</mark>	OECD 40	5		24; 48; 72 hours	Rabbit	determination Weight of eviden	ce
Skin	Not irritating			day(s)	24; 48; 72 hours	Guinea pig	Weight of eviden	
					2-7, +0, 72 Hours			~
Inhalation	Slightly irrita	ting Human observati		<mark>0 mi</mark> nutes		Human	Literature	
tory or skin sens I PU Gun and Fo (test)data on th	itating to th <mark>e skir</mark> itisation am <u>Cleaner</u> e mixture availal	ble						
dgement is based <u>etone</u>	d on the rel <mark>evant</mark>	ingredients						
Route of exposu	re Result	Method	Ex	posure time	Observation time	Species	Value determinatio	n Remark
Skin	Not sen <mark>sitizin</mark>	g Human obse	ervation		point	Human	Literature	
•	-							
	ure Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determinati
Oral	NOAEL	Equivalent to OECD 408	20 mg/l		No effect	13 week(s)	Mouse (male/female)	Experimenta
Dermal		0100 400						Not relevan
								expert judge
Inhalation (vapours)	NOAEC	Other	19000 ppn	n	No effect	8 week(s)	Rat (male)	Literature
Inhalation (vapours)	Dose l <mark>evel</mark>	Human observation study	361 ppm	Central ne system	ervous neurotoxic effects	2 day(s)	Human	Inconclusive insufficient (
w sub-chronic to w sub-chronic to nicity (in vitro) I PU Gun and Fo	xicity by the deri xicity by the oral xicity by inhalati	route on route						
		Aethod	D 471	Test subst		Effect		termination
Result		quivalent to OEC quivalent to OEC			,, ,	No effect No effect		ntal value ntal value
Result Negative Negative								
Negative								
Negative Negative nicity (in vivo) I PU Gun and Fo (test)data on th dgement is based	am <u>Cleaner</u> e mixture availal d on the rel <mark>evant</mark>							
Negative Negative nicity (in vivo) I PU Gun and Fo (test)data on th dgement is based etone Result	e mixture a <mark>vailal</mark>			Exposure time	Test substr		rgan Va	alue determina
Negative Negative nicity (in vivo) I PU Gun and Foo (test)data on th dgement is based etone Result Negative Clusion	e mixture a <mark>vailal</mark>	ingredients Method		Exposure time L3 week(s)	Test substr Mouse (ma		<b>v</b>	alue determina terature

			Sou	da	I PU	Gu	in a	nd Fo	bam	Cle	eaner	<b>^</b>		
Carcinogenicity														
		4												
<u>Soudal PU Gun a</u> No (test)data			vailable											
Judgement is				nts										
acetone			U											
Route of exposure		neter	Method		Value		Exposur		Species		Effect	C	)rgan	Value determination
Dermal	NOEL		Other		79 mg		51 week	:(s)	Mouse (fe	male)	No effect			Literature
Conclusion Not classified	d for carcino	ogenicit	Σγ											
Reproductive toxi	icity													
Soudal PU Gun a			. 1											
No (test)data Judgement is				ntc										
acetone	ອີມສິສິສິນ ບິເຊີ ເ	are rele	vaneingreule	11.3										
		Pa	arameter	Meth	od	Value		Exposure tir	ne Specie	S	Effect		Organ	Value
														determination
Developr	mental toxic	city NC	DAEC	Equiv OECD		11000	ppm	6 days (gestation, daily) - 19 da		female)				Experimental value
								(gestation, daily)						
Effects or	n fertility	NC	OAEL	Other		900 mg bw/day		13 week(s)	Rat (m	ale)	No effect	:		Literature
Conclusion														
Not classified Toxicity other effe Soudal PU Gun a No (test)data	ects and Foam C a on the mix	<u>:leaner</u> xture av	vailable		,									
Judgement is acetone	s based on t	the rele	evant ingredie	nts										
Paramete	er M	lethod	Va	lue		Organ		Effect		Exposu	ire time	Specie	S	Value determination
						Skin		Skin dryı cracking						Literature study
Conclusion Repeated ex	posure may	/ cause :	skin dryness o	or crac	king.									
Chronic effects fro	om short ar	nd long-	-term exposu	re										
Soudal PU Gun a	and Foam C	leaner												
ON CONTINU weight. Possi						. Skin ra	sh/inflar	nmation. Dry	/sore throa	at. Head	lache. Nause	ea. Feeli	ing of wea	kness. Loss of
SECTION 12	2: Ecol	ogica	al inforr	nati	on									
12.1. Toxici	ity													
Soudal PU Gun a														
No (test)data o														
Judgement of	the mixture	e is base	ed on the rele	vant ir	igredients									
										Ζ.				

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<u>cetone</u>									
		Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes			EU Method C.1	5540 mg/l	96 h	Salmo gairdneri	Static system	Fresh water	Experimental value; Nominal concentration
Acute toxicity crustacea		LC50	Other	12600 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; Nominal concentration
Toxicity algae and other aqua plants	atic	EC50		> 7000 mg/l	96 h	Selenastrum capricornutum	Static system	Fresh water	Experimental value; Nominal concentration
Long-term toxicity aquatic crustacea		NOEC	Equivalent to OECD 211	2212 mg/l	28 day(s)		Flow-through system	Fresh water	Experimental value

#### Conclusion

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

### 12.2. Persistence and degradability

#### acetone

Biodegradation water			
Method	Value	Duration	Value determination
OECD 301B: CO2 Evolution Test	90.9 %	28 day(s)	Experimental value

#### **Conclusion**

Contains readily biodegradable component(s)

## 12.3. Bioaccumulative potential

Soudal PU Gun and Foam Cleaner

Log Kow									
Method	R	Remark Val		Value	alue		Temperature	Value	determination
	Ν	lot applicat	ole (mixture)						
acetone									
BCF fishes									
Parameter	Method		Value	Du	ration	Spec	ies		Value determination
BCF			0.69			Pisce	S		
BCF other aquati	c organisms								
Parameter	Method		Value	Du	ration	Spec	ies		Value determination
BCF	BCFWIN		3						Calculated value
Log Kow			•						•
Method		Remark		Val	ue		Temperature	Va	lue determination
				-0.2	24			Te	st data
Conclusion									

Conclusion

Does not contain bioaccumulative component(s)

### 12.4. Mobility in soil

No (test)data on mobility of the components available

### 12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

#### 12.6. Other adverse effects

Soudal PU Gun and Foam Cleaner Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

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

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

## SECTION 13: Disposal considerations

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

### 13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Reason for revision: 8.2

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).

16 05 04\* (gases in pressure containers and discarded chemicals: gases in pressure containers (including halons) containing hazardous substances).

20 01 29\* (separately collected fractions (except 15 01): detergents containing hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

### 13.1.2 Disposal methods

Refer to manufacturer/supplier for information on recovery/ recycling. 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 2 Packaging (Container)

## 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

1950
Aerosols
2
5F
2.1
no
190
327
344
625
Combination packagings: not more than 1 liter per inner packaging for
liquids. A package shall not weigh more than 30 kg. (gross mass)
1950
Aerosois
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2
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344
625
Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)
1950
Aerosols
2
5F
Publication date: 2002-05-11

14.4. Packing group	
Packing group	
Labels	2.1
14.5. Environmental hazards	
Environmentally hazardous substance mark	no
14.6. Special precautions for user	
Special provisions	190
Special provisions	327
Special provisions	344
Special provisions	625
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)
a (IMDG/IMSBC)	
14.1. UN number	
	4050
UN number	1950
14.2. UN proper shipping name	la sussela
Proper shipping name	Aerosols
14.3. Transport hazard class(es)	
Class	2.1
14.4. Packing group	
Packing group	
Labels	2.1
14.5. Environmental hazards	
Marine pollutant	
Environmentally hazardo <mark>us substance mark</mark>	no
14.6. Special precautions for user	
Special provisions	63
Special provisions	190
Special provisions	277
Special provisions	327
Special provisions	344
Special provisions	381
Special provisions	959
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)
14.7. Transport in bulk according to Annex II of Mar	r <mark>pol and the IBC</mark> Code
Annex II of MARPOL 73/78	Not applicable
r (ICAO-TI/IATA-DGR) 14.1. UN number	
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	Aerosols, flammable
14.3. Transport hazard class(es)	
Class	2.1
14.4. Packing group	
Packing group	
Labels	2.1
14.5. Environmental hazards	14 · · ·
Environmentally hazardous substance mark	no
14.6. Special precautions for user	
Special provisions	A145
Special provisions	A167
INDECIAL DROVISIONS	A802
Limited quantities: maximum net quantity per p	

## SECTION 15: Regulatory information

15.1. Safety, health and o	environmental regulations/leg	islation specific fo	r the substance or	mixture
European legislation:				

VOC content Directive 201	0/75/EU			
VOC content		Remar	k	
100 %				
Ingredients according to Re	egulation (EC) No 648/2004 and amen	dments		
≥30% aliphatic hydroca	rbons			
Reason for revision: 8.2			Publication date: 2002-05-11	
			Date of revision: 2018-04-26	
Revision number: 0304			Product number: 33075	11/13

### 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.

Interface         Interface         Interface           Sectors         Solarise to single with a memory interface in the column of the sector.			
extense			roup of Conditions of restriction
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extense       In a 36, 37 a were ended on a set information haura on an activation were ended on the control of the community provision relating on the control of the com			
account (inclusion and ferritry or or or defects, 39 and 3.3). <ul> <li>Decomposition (3) and (3) a</li></ul>		F;	<ul> <li>– can be used as fuel in decorative oil lamps for supply to the general public, and,</li> </ul>
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etc. bit in the second seco			
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acctome     Jampo is and grill lighters, baselide with Soc #190, intended for supply to the general public of the compared in Jite P JU Becomber 2016. No later than 1 June 2015, the Commission shall request the Luopean Chemicals Age to prepare a dosts, in according with Article 30 of the present Regulation with a vew ban, if appropriate galaxies in baseline according with Article 30 of the present Regulation with a vew ban, if appropriate galaxies in baseline according with Article 30 of the present Regulation with a vew ban, if appropriate galaxies in baseline with Soc #130, shall by December 2011. December 2011 and grill lighter fluids and grill light for supply to the general public.       acctome     J. Substances classified as flormmable gases at a the following: built of the supply to the general public for entertainment and decording with Article 30 of the Site baseling of the supply to the general public for entertainment and decording with Article 30 of the Site baseling of the supply to the general public for entertainment and decording with Article 30 of the Site baseling of the supply to the general public for entertainment and decording with Article 30 of the Site baseling of the supply to the general public for entertainment and decording with article supply to the general public for entertainment and decording with article supply to the general public for entertainment and decording or with article supply to the general public for entertainment and decording or with article supply to the general public for entertainment and decording or with article supply to the general public for entertainment and decording or with article supply to the general public for entertainment and decording or the manale galaxies and the form supply to the general public for entertainment and decording or the supply to the general public for entertainment and decording or the supply and th			
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In proper a dostance, m according with Aufe 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view bein, frapoprotate, grill plater fulls and like 60 of the present Regulation with a view ovailable to the Commission.           acctore         Substances dasafied as flammable gates category 1 or 2, flammable builds category 1 or 2, whother the appear in whith is contact with water, entit flammable spaces category 1 or 2, prophore (substance), regulation or not.         1. Shall not be used, as substance or as minitures in aerosol digenesers where these aero digenesers are intended frainly for decoration, with water, entit formable agase, category 1 or 2, prophore (substance), regulation or not.         1. Shall not be used, as substance or as minitures in aerosol digenesers referred to above 5, substance, substance and frams, artificial coheres, substance, substance and frams, artificial coheres, substance, subastance, substance, substance, substance, substance,			
Interned a for supply to the general public.       Provide the general public.         Interned a for supply on the general public.       Provide the general public.         Interned a for supply on the general public.       Provide the general public.         Interned a for supply on the general public.       Provide the general public.         Interned a for supply on the general public.       Provide the general public.         Interned a for supply on the general public.       Provide the general public.         Interned a for supply on the general public.       Provide the general public for the first time lange oils and genite for supply on the general public for entertainment and decoration public public public for entertainment and decoration public public public for entertainment and decoration public public for enteration public for enteration public public for entertainment and d			
2. Natural or legip persons placing on the market for the first time lamp oils and gill light fluids labeled R55 or H304, shill by 1 December 2011, and nanually thereafter, provide data on alternatives to lamp site concerned. Member States shall make those variable to the Commission."         acedone       Substances classified as flammable gases category 1 or 2, flammable solds or tigos, category 1 or 3, flammable solds or tigos, category 1 or 2, within the true sold or tigos, solds, category 1 or 2, within the sold sold area or the sold area or the sold sold area or the sold area or tigos, and the tigo is that flequilation or not.         National legislation The Netherlands       2 within the market that the packaging of aerosol dispensers referred to a particle at the apple sold of the community provisions on the dassification and available         National legislation The Netherlands       2 with area erosol dispensers referred to a particle at the packaging of aerosol dispensers referred to a packaging of aerosol dispensers referred to a packaging bit and 2 shall not the placed on the market that the packaging of aerosol dispensers referred to an incide t			
fuids, jabeled with R65 or H304, shull by 1 December 2011, and annually thereafter, in completent authority in the Member State concerned. Member States shall make those available to the Commission."         acetone       Substances dassified as filammable gases category 1 or 2, filammable file substates of any molecular guilt for entersion and dispenses where these aero category 1 or 2, filammable file substates of any molecular guilt for entersion and dispenses where these aero category 1 or 2, filammable file substates of any molecular guilt for entersion and the substate of any molecular guilt for entersion and the substates of any molecular guilt for entersion and dispenses where these aero category 1 or 2, filammable gases, category 1 or 2, any filammable gases, category 1 or 2, any prophore, colids category 1 or 2, filammable gases, category 1 or 7, prophore, calids category 1 or 7, prophore, colids category 1 or 7, howoper' culture, and file substates of any provisions on the classification corrent, and file substates of any provisions on the classification corrent, and file and file substates and forms, and file and classification corrent.         National legislation frame       Suddal PU Gun and foam Cleaner         No data available       National legislation frame         Studiel PU Gun and foam Cleaner       Yeld Cleaner         No data available       L; classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährden tsoff (vwkk) of 27 July 2005 (Anhang 4)         On for revision: 8.2       Publication date: 2002-05-11         Date of revision: 2018-042-26       Publ			
acedone     Substances classified as flammable gases are to competent authority in the Member State concerned. Member State shall make those is variable to the Commission."       acedone     Substances classified as flammable gases are toport 10-27, flammable illiquids category 10-27, substances and matures which, in contait with water, emit flammable gases, category 1. 2 or 3, prophonic liquids category 10-27, substances and matures which, in contait with water, emit flammable gases, category 1. 2 or 3, prophonic solids category 1, regardless of whether they appear in Part 3 of Annex VID more for antice.     1. Shall not be used, as substance or as matures in aerosol dispensers where these are dispensers are intended for supports to the general public for entertainment and decoratio propohoric solids category 1, regardless of whether they appear in Part 3 of Annex VID more for protection.     1. Shall not be used, as substance or as matures in aerosol dispensers where these are dispensers are intended for supports to the general public for entertainment and decoratio propohoric solids category 1, regardless of whether they appear in Part 3 of Annex VID more for protection.			
acetone     Subtances classified as flammable gases category 1 or 2, flammable (subtances for a subtance or as matures in aerosol dispensers where these aeros acetone 1, 2 or 3, flammable (subtances for a subtance) or as matures in aerosol dispensers where these aeros by 2 or 3, flammable (subtances for supply to the general public for entertainment and decorativ by substances and mature which, in contact with water, emit flammable gases, category 1 or prophoric liquids category 1 2 or 3, prophoric liquids category 1 3 or 3, prophoric liquids category 1 4 or 3 of Amex Vito whether they appear in Pari 3 of Amex Vito that Regulation or not.     1. Shall not be used, as substance or as matures in aerosol dispensers while the they appear in Pari 4 4 or 3 or 1000 category 1 4 or 3 or 1000 category 1 4 or 3 or 1000 category 1 4 or 1			
acetone       Subtances classified as flammable liquids category 1 or 2, substances and mixtures which, in contrast, 2 or 3, phrophonic liquids category 1 or 2, flammable liquids category 1 or 2, and there was category 1 or 1, and there was category 1 or 2, and there was category 1 or 1, and there was and there was category 1 or 1, and there was category 1, and t			
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2 or 3, pyrophonic liquids category 1 or pyrophonic solids category 1, regardless whether they appear in Part 3 of Annex V to that Regulation or not.       - Whoogee" cushins, 			
Wrothoric solids category 1, regardless of hat Regulation or not.       = silly string aerosols, - initiation excrement, - horns for parties, - decorative flakes and foams, - artificial cobwesb, - strik bombs.         2. Without prejudice to the application of other Community provisions on the classificat packaging and labeling of substances, suppliers shall ensure before the placing on the market that the packaging of substances, suppliers shall ensure before the placing on the market that the packaging of substances, suppliers shall ensure before the placing on the market that the packaging of substances, suppliers shall ensure before the placing on the market that the packaging of substances, suppliers shall ensure before the placed on the market that the packaging of austances, suppliers shall ensure before the placed on the market what the packaging of austances, suppliers shall ensure before the placed on the market unless they conform to the requirements indicated.         National legislation The Netherlands Souidal PU Gun and Foam Cleaner No data available       Souidal PU Gun and Foam Cleaner No data available         National legislation France Souidal PU Gun and Foam Cleaner No data available       L; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährden stoffe (vw/vs) of 27 July 2005 (Anhang 4)         on for revision: 8.2       Publication date: 2002-05-11 Date of revision: 2018-04-26			
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- tink bombs.         2. Without previsions of the community provisions on the classificati         packaging and labeling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legil and indelibly with:         Tor professional users only?         3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to a how is marked visibly, legil and indelibly with:         Year professional users only?         3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.         National legislation Belgium         Soudal PU Gun and Foam Cleaner         No data available         National legislation The Netherlands         Soudal PU Gun and Foam Cleaner         No data available         National legislation Germany         Soudal PU Gun and Foam Cleaner         No data available         National legislation Germany         Soudal PU Gun and Foam Cleaner         No data available         National legislation Germany         Soudal PU Gun and Foam Cleaner         No data available         National legislation Germany         Soudal PU Gun and Foam Cleaner         No data available			
2. Without prevision 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, legit and indelibility with:        Yendow Users only?.       3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to above is marked visibly, legit and indelibility with:       Yendow Users only?.         National legislation Belgium       Soudal PU Gun and Foam Cleaner       No data available         National legislation France       Soudal PU Gun and Foam Cleaner       No data available         National legislation Germany       1; classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährden stoffe (vwvws) of 27 July 2005 (Anhang 4)         on for revision: 8.2       Publication date: 2002-05-11         Date of revision: 2018-04-26       Publication date: 2002-05-11			
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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 Article 8 (1a) of Council Directive 75/ 324/EEC.         Autional legislation Belgium         Soudal PU Gun and Foam Cleaner         No data available         National legislation The Netherlands         Soudal PU Gun and Foam Cleaner         No data available         National legislation France         Soudal PU Gun and Foam Cleaner         No data available         National legislation France         Soudal PU Gun and Foam Cleaner         No data available         National legislation France         Soudal PU Gun and Foam Cleaner         No data available         National legislation Germany         Soudal PU Gun and Foam Cleaner         No data available         National legislation Germany         Soudal PU Gun and Foam Cleaner         No data available         National legislation Germany         Soudal PU Gun and Foam Cleaner         No data available         1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährden         Stoffe (VwVwS) of 27 July 2005 (Anhang 4)         on for revision: 8.2       Publication date: 2002-05-11			
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ion number: 0304 Product number: 33075 12 / 2	Soudal PU Gun and Foam No data available <u>National legislation The Net</u> <u>Soudal PU Gun and Foam</u> No data available <u>National legislation France</u> <u>Soudal PU Gun and Foam</u> No data available <u>National legislation German</u> <u>Soudal PU Gun and Foam</u> <u>Soudal PU Gun and Foam</u> WGK	<u>herlands</u> <u>herlands</u> <u>h Cleaner</u> <u>h Cleaner</u> <u>y</u> <u>h Cleaner</u> 1; Classification water polluting b	referred to Article 8 (1a) of Council Directive 75/ 324/EEC. 4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

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	Soudal PU Gu	in and Foam Cleaner
acetone		
TA-Luft	5.2.5	
TRGS900 - Risiko der Fruchtschädigung	Aceton; Y; Risiko der Fruchtsch Grenzwertes nicht befürchtet z	ädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen zu werden
National legislation United	Kingdom	
Soudal PU Gun and Foar No data available		
Other relevant data		
Soudal PU Gun and Foan	n Cleaner	
No data available		
acetone		
TLV - Carcinogen	Acetone; A4	
15.2. Chemical safety ass No chemical safety asses	sessment ssment has been conducted for the mix	ture.
SECTION 16: Other ir	formation	
	ts referred to under heading 3:	
H220 Extremely flamma	•	
H222 Extremely flamma		
H225 Highly flammable	liquid and vapour.	
	iner: May burst if heated.	
	er pressure; may explode if heated.	
H319 Causes serious ey H336 May cause drows		
(*)	NTERNAL CLASSIFICATION BY BIG	
	lassification, labelling and packaging (G	ilobally Harmonised System in Europe)
DMEL D	Perived Minimal Effect Level	
DNEL D	Derived No Effect Level	
	ffect Concentration 50 %	
	C50 in terms of reduction of growth ra	te
	ethal Concentration 50 %	
	ethal Dose 50 %	
	Io Observed Adverse Effect Level Io Observed Effect Concentration	
	Organisation for Economic Co-operation	and Development
	ersistent, Bioaccumulative & Toxic	
PNEC P	redicted No Effect Concentration	
STP S	ludge Treatment Process	
vPvB v	ery Persistent & very Bioaccumulative	
The information in this s	afatu data shaat is based on data and s	amples provided to DIC. The sheet ups written to the best of our shills, and according to the
state of knowledge at th of the substances/prepa	at time. The safety data sheet only con rations/mixtures mentioned under poi	amples provided to BIG. The sheet was written to the best of our ability and according to the stitutes a guideline for the safe handling, use, consumption, storage, transport and disposal nt 1. New safety data sheets are written from time to time. Only the most recent versions
•		otherwise word for word on the safety data sheet, the information does not apply to
		her substances or in processes. The safety data sheet offers no quality specification for the h the instructions in this safety data sheet does not release the user from the obligation to
71 1	· · ·	ecommendations or which are necessary and/or useful based on the real applicable
		iveness of the information provided and cannot be held liable for any changes by third
		in the European Union, Switzerland, Iceland, Norway and Lichtenstein. It may be consulted
		et-up of safety data sheets will take precedence. It is your obligation to verify and apply such
0		cence and liability limiting conditions as stated in your BIG licence agreement or when this is
0 0	tions of BIG. All intellectual property rig agreement/conditions for details.	ths to this sheet are the property of BIG and its distribution and reproduction are limited.
consult the mentioned a	igreement/conditions for details.	
Reason for revision: 8.2		Publication date: 2002-05-11
		Date of revision: 2018-04-26
		Date 01 120151011. 2010-04-20

Product number: 33075