

SAFETY DATA SHEET

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

SOUDAL FOAM & GUN 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 FOAM & GUN CLEANER : Not applicable (mixture) : Mixture

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

1.2.1 Relevant identified uses

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 S +32 14 42 42 31 H +32 14 42 65 14 msds@soudal.com

Manufacturer of the product

SOUDAL N.V. Everdongenlaan 18-20 B-2300 Turnhout ☎ +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

Classified as da	angerous according to	the criteria of Regulation (EC) No 1272/2008
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.	category 2	H319: Causes serious eye irritation.
STOT SE	categ <mark>ory 3</mark>	H336: May cause drowsiness or dizziness.

2.2. Label elements

2.2. Luber cierricitts			
	(\mathbf{b})		
Contains: acetone.			
Signal word	Danger		
H-statements			
H222	Extremely flammable aerosol.		
H229	Pressurised container: May burst if	heated.	
H319	Causes serious eye irritation.		
H336	May cause drowsiness or dizziness.		
P-statements			
P101	If medical advice is needed, have pr	oduct container or label at hand.	
P102	Keep out of reach of children.		
P210		sparks, open flames and other ignition sources. No smoking.	
P211	Do not spray on an open flame or o	ther ignition source.	
P251	Do not pierce or burn, even after us	se.	
P280	Wear eye protection/face protection	ın.	
Created by: Brandweerinformatiece	entrum voor gevaarlijke stoffen vzw (BIC	G) Publication date: 2002-05-11	en
Technische Schoolstraat 43 A, B-244	10 Geel	Date of revision: 2019-02-18	540
http://www.big.be			60-6
© BIG vzw			34-15960-640-en
Reason for revision: 3			134-
Revision number: 0400		Product number: 33075	1/13

P304 + P340 P410 + P412 P501 Supplemental information

FUH066

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.

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		C>25 %	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	(1)(2)(10)	Constituent
isobutane 01-2119485395-27		75-28-5 200-857-2		C>1 %	Flam. Gas 1; H220 Press. Gas - Liquefied gas;	(1)(2)(10)	Propellant
propane 01-2119486944-21		74-98-6 200-827-9		C>1 %	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. Do not apply (chemical) neutralizing agents without medical advice. 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 (chemical) neutralizing agents without medical advice. Take victim to an ophthalmologist if irritation persists.

After ingestion:

Rinse mouth with water. Do not induce vomiting. Do not apply (chemical) neutralizing agents without medical advice. 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.

SECTION 5: Firefighting measures

Publication date: 2002-05-11 Date of revision: 2019-02-18

Revision number: 0400

Reason for revision: 3

Product number: 33075

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher. 5.1.2 Unsuitable extinguishing media:

Small fire: Quick-acting CO2 extinguisher, Water (water can be used to control jet flame), Foam. Major fire: Water (water can be used to control jet flame), Foam.

5.2. Special hazards arising from the substance or mixture

Upon combustion: CO and CO2 are formed. Pressurised container: May burst if heated.

5.3. Advice for firefighters

5.3.1 Instructions:

If exposed to fire cool the closed containers by spraying with water. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistant risk of physical explosion.

5.3.2 Special protective equipment for fire-fighters:

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. 6.1.1 Protective equipment for non-emergency personnel

- See heading 8.2
- 6.1.2 Protective equipment for emergency responders

Gloves. Protective goggles. Protective clothing. Suitable protective clothing

See heading 8.2

6.2. Environmental precautions

Dam up the liquid spill. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into a non combustible material e.g.: sand/earth. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after

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

Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Gas/vapour heavier than air at 20°C. Observe normal hygiene standards.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Storage temperature: < 50 °C. Store in a cool area. Fireproof storeroom. Keep out of direct sunlight. Meet the legal requirements. Max. storage time: 1 7.2.2 Keep away from:

Heat sources, ignition sources, oxidizing agents, (strong) acids, (strong) bases.

- 7.2.3 Suitable packaging material:
 - Aerosol

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.

EU		
Acetone	Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	500 ppm
	Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	1210 mg/m³
Reason for revision: 3	Publication date: 2002-05-11	
	Date of revision: 2019-02-18	
Revision number: 0400	Product number: 33075	3/13

	elgium								-
A	cétone				e-weighted average				500 ppm
				-	e-weighted average	exposure limit	8 h		1210 mg/m
				Shc	ort time value				1000 ppm
				_	ort time value				2420 mg/m
	lydrocarbures aliphatiq 3)	ues sous forme g	azeuse: (Alcanes C1-	Tim	e-weighted average	exposure limit	8 h		1000 ppm
	-,			Shc	ort time value				980 ppm
				Shc	ort time value				2370 mg/m
T	he Netherlands								
-	ceton			Tim	e-weighted average	exposure limit	8 h (Publi	c occupational	501 ppm
				exp	osure limit value) e-weighted average				1210 mg/m
				exp	osure limit value)				.
					ort time value (Public ort time value (Public		_		1002 ppm 2420 mg/m
L r.	ronoo			SIIC		occupational	exposure in		2420 Mg/M
-	rance .cétone			Tim	o weighted average	ovnocuro limit	Q h (V/DC)	Valour ráglomontairo	500 ppm
A	cetone			con	traignante)			Valeur réglementaire	
					e-weighted average traignante)	exposure limit	8 h (VRC:	Valeur réglementaire	1210 mg/m
					ort time value (VRC: V	/aleur régleme	ntaire con	traignante)	1000 ppm
				12	ort time value (VRC: V				2420 mg/m
								<u> </u>	. 0,
-	ermany			.			01./====	200)	500
A	ceton			12	e-weighted average				500 ppm
Ļ	- h t				e-weighted average			,	1200 mg/m
ls	sobutan				e-weighted average				1000 ppm
					e-weighted average				2400 mg/m
Pi	ropan				e-weighted average e-weighted average				1000 ppm 1800 mg/m
L.	W.			r		capesure mill	511 (11(03		Loco mg/m
U	K .cetone			Tim	e-weighted average	Avnosuro limit	8 h (Mor	nlace exposure limit	500 nnm
A	licelone				40/2005))	exposure limit	on (work	place exposure limit	500 ppm
						exposure limit	8 h (Morl	place exposure limit	1210 mg/m
					40/2005))	exposure min	511(0000	prace exposure infint	1210 mg/m
					ort time value (Workp	lace exposure	limit (EH4	0/2005))	1500 ppm
				12	ort time value (Workp				3620 mg/m
L						nace exposule		0,2003]]	2020 mg/m
U	SA (TLV-ACGIH)								
	cetone			Tim	e-weighted average	exposure limit	8 h (TLV -	Adopted Value)	250 ppm
				12	ort time value (TLV - A				500 ppm
В	utane, all isomers			10	ort time value (TLV - A			7	1000 ppm
<u> </u>) National biological lin	nit values							
	limit values are applica		these will be listed be	elov	ν.				
	ermany								
_	ceton (Aceton)		Urin: expositionsende) h-	w schichtondo	80 mg/l		11/2012 Ständige Se	natskommin
A			orm. expositionsende	., UZ	w. schichtende	60 mg/1		Prüfung gesundheits Arbeitsstoffe der DFC	schädlicher
U	ISA (BEI-ACGIH)			F					-
-	cetone (Acetone)		Urine: end of shift	F		25 mg/l		T	
	Sampling methods			F					
	roduct name				Test	Numbe	r		
	cetone (ketones 1)				NIOSH	1300			
_	cetone (ketones I)				NIOSH	2555			
	cetone (organic and inc	organic gases by	Extractive FTIR)	-	NIOSH	3800			
_	cetone (Volatile Organi				NIOSH	2549			
	CETONE and METHYL E		urine		NIOSH	8319			
_	cetone				OSHA	69			
	Applicable limit values	s when using the	substance or mixture	-					
	limit values are applica								
	Threshold values								
	NEL/DMEL - Workers								
or r	evision: 3			H		Publicat	ion date [.]	2002-05-11	
						Date of	revision: 2	019-02-18	
nun	nber: 0400					Product	number:	33075	

<u>acetone</u>					
Effect level (DNEL/DM	EL) Type			Value	Remark
DNEL	Long-terr	<mark>m systemic effe</mark> cts inl	halation	1210 mg/m³	
	Acute loc	al effects inhalation		2420 mg/m ³	
	Long-terr	<mark>n systemic effe</mark> cts de	ermal	186 mg/kg bw/day	
DNEL/DMEL - General po	pulation				
acetone					
Effect level (DNEL/DM				Value	Remark
DNEL		<mark>n systemic effe</mark> cts inl		200 mg/m ³	
	Long-terr	<mark>n systemic effe</mark> cts de	ermal	62 mg/kg bw/day	
	Long-terr	<mark>n systemic effe</mark> cts or	al	62 mg/kg bw/day	
<u>PNEC</u>					
acetone		he i			
Compartments		Value		Remark	
Fresh water	,	10.6 mg/l			
Aqua (intermittent rele	ases)	21 mg/l			
Marine water		1.06 mg/l			
STP		100 mg/l			
Fresh water sediment		30.4 mg/kg se			
Marine water sediment	t	3.04 mg/kg se			
Soil 8.1.5 Control banding		29.5 mg/kg so	DII dw		
		ing system. Keep awa	ay from naked flames/h	neat. Keep away from ign	ition sources/sparks. Measure th
concentration in the air re 8.2.2 Individual protection in Observe normal hygiene <u>a) Respiratory protection:</u> Full face mask with filter b) Hand protection: Protective gloves against Materials butyl rubber c) Eve protection: Protective goggles. d) Skin protection: Protective clothing.	egularly. neasures, such as pers standards. Do not eat, type AX at conc. in air chemicals (EN374). Measured breakthrough tim > 480 minutes	sonal protective equi drink or smoke duri > exposure limit. Thickness	ipment	eat. Keep away from ign	ition sources/sparks. Measure th
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<mark>8530 hPa ; 20</mark> °C

Water ; complete Ethanol ; soluble Ether ; soluble

No data available

No data available

<mark>No data availa</mark>ble

Reason for revision: 3

Vapour pressure

Relative density

Decomposition temperature

Auto-ignition temperature

Solubility

Publication date: 2002-05-11 Date of revision: 2019-02-18

Product number: 33075

10.1. Reactivity May be ignified by sparks. Gat/vepour spreads at floor level: ignition hazard. 10.2. Chemical stability Stable under normal conditions. 10.9. Dossibility of hazardous reactions No data available. 10.4. Conditions to avoid Precautionary measures Use spark-(equivalence of appliances and lighting system. Keep away from naked flames/hest. Keep away from ignition sources/sparks. 10.5. Incompatible materials Oxiding agents. (tarong) acids. (strong) bases. 10.6. Hazardous decomposition products Use park-(equivalence of appliances and lighting system. Keep away from naked flames/hest. Keep away from ignition sources/sparks. 10.5. Incompatible materials Oxiding agents. (tarong) acids. (strong) bases. 10.6. Hazardous decomposition products Use park-(equivalence) acids. (strong) bases. 10.1.1 Information on toxicological effects 11.1.1 Information on toxicological effects 11.1.1 Information effects 11.1.1 Information effects 11.1.1 Informating effects 11.1.1 test trautis Use toxicity USUDAL-FOAM & GUN CLEANER Reader Method Value Deposure time Species Value Certemination Carai USS0 k quivalent to OCCD S600 mg/kg Rat (female) Dependent to based on the relevant ingredients 2.2 Exercise Exerc			SOUDAL	. FUAIVI	& GUN	CLEANE	K	
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SOLI	DAL FOAM & GUN	CLEANER								
-	lo (test)data on the		ilable							
J	udgement is based	on the releva	ant ingredients					_		
<u>a</u>	<u>cetone</u> Route of exposure	e Result	Method		Exposu		Observation time point	Species	Value determination	onRemark
	Skin	Not sensiti	zing Human o	oservation			point	Human	Literature	
	nclusion							-		
	lot classified as ser lot classified as ser									
Specif	ic target organ tox	city								
	DAL FOAM & GUN									
	(test)data on the i lassification is base									
	cetone	u on the rele	want ingreaterits							
	Route of	Paramete	r Method	Value	C	Irgan	Effect	Exposure time	Species	Value determination
	e xposur e Oral	NOAEL	Equivalent to	20 mg/l			No effect	13 week(s)	Mouse (male	
			OECD 408						female)	value
	Dermal									Not relevant,
										expert judgement
	Inhalation	NOAEC	Other	19000 ppr	n		No effect	8 week(s)	Rat (male)	Literature
	(vapours)									
	Inhalation (vapours)	Dose level	l Human observation	361 ppm		entral nervou	us neurotoxic effects	2 day(s)	Human	Epidemiological
	(vapours)		study		S	ystem	enects			study
	nclusion									1
	Nay cause drowsine Iot classified for su									
P			city							
Mutag	jenicity (in vitro)									
SOU	DAL FOAM & GUN	CLEANER								
	lo (test)data on the	e mixture ava	ilable							
<u>a</u>	cetone Result		Method			Test substra	to	Effect	Nalua di	etermination
	Negative		Equivalent to C	ECD 471		Bacteria (S.t		No effect		ental value
			·			· · ·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Nutag	jenicity (in vivo)									
	DAL FOAM & GUN									
	lo (test)data on the udgement is based									
	cetone	on the releva	antingreulents							
<u>.</u>	Result		Method	1	Ехро	sure time	Test substr	ate	Organ N	/alue determination
	Negative				13 w	eek(s)	Mouse (ma	ile / female)	L	iterature
	nclusion Iot classified for mi	itagania ar g	an at avia t aviait.							
ľ	IOT CLASSIFIED FOR THE	atagenic of g								
Carcin	ogenicity									
SOU	DAL FOAM & GUN	CLEANER								
	lo (test)data on the									
	udgement is based	on the releva	ant ingredients							
<u>a</u>	Route of	arameter	Method	Value		Exposure tin	ne Species	Effect	Organ	Value
	exposure			- unuo			opcoloc		e.g	determination
-		OEL	Other	79 mg		51 week(s)	Mouse (f	emale) No effe	ect	Literature
	<u>nclusion</u> Iot classified for ca	rcinogenicity				· `				
		Sinegementy							7	
Repro	ductive toxicity									
<u>sou</u>	DAL FOAM & GUN	CLEANER								
	lo (test)data on the									
J	udgement is based	on the releva	ant ingredients			2				
Reaso	n for revision: 3								N 2002 OF 11	
								Publication date	2. 2002-05-11	
								Publication date Date of revision		

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determinatio
Developmental toxicity	NOAEC	Equivalent to OECD 414	11000 ppm	6 days (gestation, daily) - 19 days (gestation, daily)				Experimental value
Effects on fertility	NOAEL	Other	900 mg/kg bw/day	13 week(s)	Rat (male)	No effect		Literature

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

SOUDAL FOAM & GUN CLEANER

No (test)data on the mixture available

Judgement is based on the relevant ingredients

ıc	et	10	ne	

acet	tone								
	Parameter	Method		Value	Organ	Effect	Exposure time	Species	Value
					, C		-		determination
					<mark>Skin</mark>	Skin dryness or			Literature study
						cracking			
Concl	usion			-					

Conclusion

Repeated exposure may cause skin dryness or cracking.

Chronic effects from short and long-term exposure

SOUDAL FOAM & GUN CLEANER

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Skin rash/inflammation. Dry/sore throat. Headache. Nausea. Feeling of weakness. Loss of weight. Possible inflammation of the respiratory tract.

SECTION 12: Ecological information

12.1. Toxicity

SOUDAL FOAM & GUN CLEANER

No (test)data on the mixture available

Judgement is based on the relevant ingredients

acetone

		Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes		LC50	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	tic	EC50		> 7000 mg/l		Selenastrum capricornutum	Static system	Fresh water	Experimental value; Nominal concentration
Long-term toxicity aquatic crustacea			Equivalent to OECD 211	2212 mg/l	28 day(s)	Daphnia magna	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

D	ouegradation water				
	Method Value		Du	ation	Value determination
	OECD 301B: CO2 Evolution Test	90.9 %	28	lay(s)	Experimental value

Conclusion

Contains readily biodegradable component(s)

12.3. Bioaccumulative potential

Log	Kow

	Method	Remark	Value		Temperature	Value determination	
		Not applicable (mixture)]
Reas	on for revision: 3				Publication date: 2002- Date of revision: 2019-0		
Revis	ion number: 0400	0 Product number: 33075 8			8/13		

acetone							
BCF fishes							
Parameter	Method	Va	alue Dur	ation	Species		Value determination
BCF		0.6	69		Pisces		
BCF other aquatic or	rganisms						
Parameter	Method	Va	alue Dur	ation	Species		Value determination
BCF	BCFWIN	3					Calculated value
Log Kow							
Method		Remark	Val	ue	Tempera	ture Val	ue determination
			-0.2	.4		Tes	t data
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 FOAM & GUN 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

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. Specific treatment. 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)			
14.1. UN number			
UN number		1950	
14.2. UN proper shipping na	me		
Proper shipping name		Aerosols	
14.3. Transport hazard class	(es)		
Hazard identification nu	mber		
Class		2	
Classification code		5F	
14.4. Packing group			
Packing group			
Labels		2.1	
14.5. Environmental hazards			
Environmentally hazardo	ous substance mark	no	
14.6. Special precautions for	user		
Special provisions		190	
Special provisions		327	
Special provisions		344	
Special provisions		625	
Reason for revision: 3		Publication date: 2002-05-11	
		Date of revision: 2019-02-18	
Revision number: 0400		Product number: 33075	9/13

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Packing group Jubbis 2.1 44.5 Exervicemental heards Forvicemental heards Forvicemental heards Special provisions Special			5F
labels 2.1 Environmental hazards			
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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	
Environmentally hazardous substance mark	no
14.6. Special precautions for user	
Special provisions	A145
Special provisions	A167
Special provisions	A802
Passenger and cargo transp <mark>ort</mark>	
Limited quantities: maximum net quantity per packaging	30 kg G

SECTION 15: Regulatory information

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

European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark	
99.2 % - 100 %		

Ingredients according to Regulation (EC) No 648/2004 and amendments ≥30% aliphatic hydrocarbons

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 group of substances or of the mixture	Conditions of restriction
• acetone	Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	 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, even with 10rnamental 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 for fiscal reasons, or perfume, or both, if they: can be used as fuel in decorative oil lamps for supply to the general public, and,
• acetone	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or	 Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following: metallic glitter intended mainly for decoration, artificial snow and frost, "whoopee" cushions,
Reason for revision: 3		Publication date: 2002-05-11 Date of revision: 2019-02-18
Revision number: 0400		Product number: 33075 11 / 13

	SOUDAL FOA	M & GUN CLEANER
	· · ·	
	pyrophoric solids category 1, regar whether they appear in Part 3 of A that Regulation or not.	
<u>National legislation Belgi</u> <u>SOUDAL FOAM & GUN</u> No data available		
National legislation The N SOUDAL FOAM & GUN	N CLEANER	
Waterbezwaarlijkhe	eid Z (2); Algemene Beoordeling	ismethodiek (ABM)
<u>National legislation Franc</u> <u>SOUDAL FOAM & GUR</u> No data available	N CLEANER	
National legislation Germ		
<u>SOUDAL FOAM & GUN</u> WGK		zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017
acetone	r, verorunning uber Anlagen	
TA-Luft	5.2.5	
TRGS900 - Risiko de		chädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen
Fruchtschädigung	Grenzwertes nicht befürchte	et zu werden
National legislation Unite SOUDAL FOAM & GUN		
No data available		
Other relevant data SOUDAL FOAM & GUM	N CLEANER	
No data available		
acetone		
TLV - Carcinogen	Acetone; A4	
15.2. Chemical safety a No chemical safety as	assessment sessment has been conducted for the mix	xture.
SECTION 16: Other	information	
	ents referred to under heading 3:	
H220 Extremely flam		
H222 Extremely flam		
H225 Highly flammat	ble liquid and vapour. ntainer: May burst if heated.	
	nder pressure; may explode if heated.	
H319 Causes serious		
H336 May cause dro	wsiness or dizziness.	
(*)	INTERNAL CLASSIFICATION BY BIG	
ADI AOEL	Acceptable daily intake Acceptable operator exposure level	
CLP (EU-GHS)	Classification, labelling and packaging (C	Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level	
DNEL	Derived No Effect Level	
EC50 ErC50	Effect Concentration 50 % EC50 in terms of reduction of growth ra	ite.
LC50	Lethal Concentration 50 %	
LD50	Lethal Dose 50 %	
NOAEL	No Observed Adverse Effect Level	
NOEC OECD	No Observed Effect Concentration Organisation for Economic Co-operation	n and Development
PBT	Persistent, Bioaccumulative & Toxic	
PNEC	Predicted No Effect Concentration	
STP	Sludge Treatment Process	
vPvB	very Persistent & very Bioaccumulative	
Reason for revision: 3		Publication date: 2002-05-11
		Date of revision: 2019-02-18
Revision number: 0400		Product number: 33075 12 / 13

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

Publication date: 2002-05-11

Reason for revision: 3

Product number: 33075

Date of revision: 2019-02-18