

Soudal PU Remover

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

1.1 Product identifier:

Product name : Soudal PU Remover
 Product type REACH : 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

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

Manufacturer of the product

SOULDAL 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: +32 14 58 45 45 (BIG) (Telephone advice: English, French, German, Dutch)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation EC No 1272/2008

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
Skin Irrit.	category 2	H315: Causes skin irritation.
Eye Dam.	category 1	H318: Causes serious eye damage.

2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC

Not classified as dangerous according to the criteria of Directive(s) 67/548/EEC and/or 1999/45/EC

2.2 Label elements:

Labelling according to Regulation EC No 1272/2008 (CLP)

Classification and labelling according to the criteria of Regulation (EU) No 487/2013, 4th adaptation of Regulation (EC) No 1272/2008 and after evaluation of available test data



Signal word	Danger
H-statements	
H315	Causes skin irritation.
H318	Causes serious eye damage.
P-statements	

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P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves and eye protection/face protection.
P264	Wash hands thoroughly after handling.
P310	Immediately call a POISON CENTER/doctor.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P302 + P352	IF ON SKIN: Wash with plenty of water and soap.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

Labelling according to Directive 67/548/EEC-1999/45/EC (DSD/DPD)

Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC

2.3 Other hazards:

CLP

Material presenting a fire hazard
Warning! Product may cause floors to be slippery

DSD/DPD

Material presenting a fire hazard
Warning! Product may cause floors to be slippery

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 DSD/DPD	Classification according to CLP	Note	Remark
2-aminoethanol (-)	141-43-5 205-483-3	1%≤C<5%	Xn; R20/21/22 C; R34	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Skin Corr. 1B; H314 STOT SE 3; H335 Aquatic Chronic 3; H412	(1)(2)(10)	Constituent

(1) For R-phrases and 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 for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist.

After ingestion:

Rinse mouth with water. Victim is fully conscious: immediately 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:

No effects known.

After skin contact:

Tingling/irritation of the skin.

After eye contact:

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Corrosion 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

5.1 Extinguishing media:

5.1.1 Suitable extinguishing media:

Water spray. Polyvalent foam. BC powder. Carbon dioxide.

5.1.2 Unsuitable extinguishing media:

Solid water jet ineffective as extinguishing medium.

5.2 Special hazards arising from the substance or mixture:

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, 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.

5.3.2 Special protective equipment for fire-fighters:

Gloves. Face-shield. 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. Face-shield. Protective clothing.

Suitable protective clothing

See heading 8.2

6.2 Environmental precautions:

Contain leaking substance. Use appropriate containment to avoid environmental contamination.

6.3 Methods and material for containment and cleaning up:

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

6.4 Reference to other sections:

See heading 13.

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. Gas/vapour heavier than air at 20°C. Observe normal hygiene standards. Keep container tightly closed. Remove contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities:

7.2.1 Safe storage requirements:

Store in a dry area. Keep container in a well-ventilated place. Keep only in the original container. Meet the legal requirements. Max. storage time: 1 year(s).

7.2.2 Keep away from:

Heat sources, oxidizing agents.

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.

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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.

The Netherlands

2-Aminoethanol	Short time value	3 ppm 7.6 mg/m ³	Public occupational exposure limit value
	Time-weighted average exposure limit 8 h	0.98 ppm 2.5 mg/m ³	Public occupational exposure limit value

EU

2-Aminoethanol	Short time value	3 ppm 7.6 mg/m ³	Indicative occupational exposure limit value
	Time-weighted average exposure limit 8 h	1 ppm 2.5 mg/m ³	Indicative occupational exposure limit value

Belgium

Ethanoloamine	Short time value	3 ppm 7.6 mg/m ³	
	Time-weighted average exposure limit 8 h	1 ppm 2.5 mg/m ³	

USA (TLV-ACGIH)

Ethanoloamine	Short time value	6 ppm	TLV - Adopted Value
	Time-weighted average exposure limit 8 h	3 ppm	TLV - Adopted Value

Germany

2-Amino-ethanol	Time-weighted average exposure limit 8 h	2 ppm 5.1 mg/m ³	TRGS 900
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France

Ethanoloamine	Short time value	3 ppm 7.6 mg/m ³	VRC: Valeur réglementaire contraignante
	Time-weighted average exposure limit 8 h	1 ppm 2.5 mg/m ³	VRC: Valeur réglementaire contraignante

UK

2-Aminoethanol	Short time value	3 ppm 7.6 mg/m ³	Workplace exposure limit (EH40/2005)
	Time-weighted average exposure limit 8 h	1 ppm 2.5 mg/m ³	Workplace exposure limit (EH40/2005)

b) National biological limit values

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

8.1.2 Sampling methods

Product name	Test	Number
2-Amino Ethanol	NIOSH	2007
2-Amino Ethanol	NIOSH	3509

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

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

8.1.4 DNEL/PNEC values

DNEL - Workers

2-aminoethanol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects dermal	1.0 mg/kg bw/day	
	Long-term local effects inhalation	3.3 mg/m ³	

DNEL - General population

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2-aminoethanol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects dermal	0.24 mg/kg bw/day	
	Long-term local effects inhalation	2.0 mg/m ³	
	Long-term systemic effects oral	3.75 mg/kg bw/day	

PNEC

2-aminoethanol

Compartments	Value	Remark
STP	100 mg/l	
Fresh water	0.085 mg/l	
Fresh water sediment	2.13 mg/kg dwt	
Salt water	0.0085 mg/l	
Marine water sediment	0.213 mg/kg dwt	
Soil	0.374 mg/kg dwt	

8.1.5 Control banding

If applicable and available it will be listed below.

8.2 Exposure controls:

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

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

a) Respiratory protection:

Wear gas mask with filter type A if conc. in air > exposure limit.

b) Hand protection:

Gloves.

- materials (good resistance)

Butyl rubber.

c) Eye protection:

Face shield.

d) Skin protection:

Protective clothing.

8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical form	Paste
Odour	Characteristic odour
Odour threshold	No data available
Colour	White
Particle size	No data available
Explosion limits	1.8 - 12.2 vol %
Flammability	Non-flammable
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	No data available
Flash point	> 90 °C
Evaporation rate	No data available
Vapour pressure	No data available
Relative vapour density	> 2
Solubility	water ; moderately soluble
Relative density	1.5
Decomposition temperature	No data available

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Auto-ignition temperature	190 °C
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	No data available

Physical hazards
No physical hazard class

9.2 Other information:

Absolute density	1540 kg/m ³
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SECTION 10: Stability and reactivity

10.1 Reactivity:

Heating increases the fire hazard.

10.2 Chemical stability:

No data available.

10.3 Possibility of hazardous reactions:

Reacts with (strong) oxidizers.

10.4 Conditions to avoid:

Keep away from naked flames/heat.

10.5 Incompatible materials:

Oxidizing agents.

10.6 Hazardous decomposition products:

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide).

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

11.1.1 Test results

Acute toxicity

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No (test) data on the mixture available

2-aminoethanol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination
Oral	LD50	Equivalent to OECD 401	1089-1515 mg/kg bw		Rat	Male/female	Experimental value
Dermal	LD50	Equivalent to OECD 402	2504 mg/kg bw		Rabbit	Male	Experimental value
Dermal			category 4				Annex VI
Inhalation	LC50	Other	> 1.3 mg/l	6 h	Rat	Male/female	Experimental value
Inhalation	IRT (inhalation risk test)	Equivalent to OECD 403	0.136 mg/l	7 h	Rat	Male/female	Experimental value

Judgement is based on the relevant ingredients

Conclusion

Not classified for acute toxicity

Corrosion/irritation

Soudal PU Remover

No (test) data on the mixture available

2-aminoethanol

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Corrosive	Equivalent to OECD 405		24; 48; 72 hours	Rabbit	Experimental value
Dermal	Corrosive	Equivalent to OECD 404		24; 48; 72 hours	Rabbit	Experimental value

Classification is based on the relevant ingredients

Conclusion

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Causes skin irritation.
Causes serious eye damage.

Respiratory or skin sensitisation

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No (test)data on the mixture available

2-aminoethanol

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Gender	Value determination
Dermal	Limited positive test result	Other		48; 72 hours	Guinea pig		Experimental value

Classification is based on the relevant ingredients

Conclusion

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

Specific target organ toxicity

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No (test)data on the mixture available

2-aminoethanol

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Gender	Value determination
Oral	NOAEL (P)	OECD 416	300 mg/kg bw/day		Body weight, organ weight, food consumption	> 75 day(s)	Rat	Male/female	Experimental value
Inhalation	NOEC	OECD 412	150 mg/m ³		No adverse systemic effects	4 weeks (daily, 5 days/week)	Rat	Male/female	Experimental value

Classification is based on the relevant ingredients

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

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No (test)data on the mixture available

2-aminoethanol

Result	Method	Test substrate	Effect	Value determination
Negative	Equivalent to OECD 471	Bacteria (S.typhimurium)		Experimental value
Negative	OECD 476	Mouse (lymphoma L5178Y cells)		Experimental value

Mutagenicity (in vivo)

Soudal PU Remover

No (test)data on the mixture available

2-aminoethanol

Result	Method	Exposure time	Test substrate	Gender	Organ	Value determination
Negative	OECD 474		Mouse	Male/female		Experimental value

Carcinogenicity

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No (test)data on the mixture available

Reproductive toxicity

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No (test)data on the mixture available

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2-aminoethanol

	Parameter	Method	Value	Exposure time	Species	Gender	Effect	Organ	Value determination
Developmental toxicity	NOAEL	OECD 414	450 mg/kg bw/day	6 - 15 days (gestation, daily)	Rat				Experimental value
Effects on fertility	NOAEL (P)	OECD 416	300 mg/kg bw/day		Rat	Male/female	Fertility; reproductive performance; systemic toxicity		Experimental value
	NOAEL (F1)	OECD 416	1000 mg/kg bw/day		Rat	Male/female			Experimental value
	NOAEL (F2)	OECD 416	1000 mg/kg bw/day		Rat	Male/female			Experimental value

Classification is based on the relevant ingredients

Conclusion CMR

Not classified for carcinogenicity
Not classified for mutagenic or genotoxic toxicity
Not classified for reprotoxic or developmental toxicity

Toxicity other effects

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No (test)data on the mixture available

Chronic effects from short and long-term exposure

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No effects known.

SECTION 12: Ecological information

12.1 Toxicity:

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No (test)data on the mixture available

2-aminoethanol

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	Other	349 mg/l	96 h	Cyprinus carpio	Semi-static	Fresh water	Experimental value
Acute toxicity invertebrates	EC50	EU Method C.2	65 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value
Toxicity algae and other aquatic plants	LC50	OECD 201	2.5 mg/l	72 h	Pseudokirchneriella subcapitata		Fresh water	Experimental value
	NOEC	OECD 201	1 mg/l	72 h	Pseudokirchneriella subcapitata		Fresh water	Experimental value
Long-term toxicity fish	NOEC	OECD 210	1.2 mg/l	30 day(s)	Oryzias latipes		Fresh water	Experimental value
Long-term toxicity aquatic invertebrates	NOEC	OECD 211	0.85 mg/l	21 day(s)	Daphnia magna		Fresh water	Experimental value
Toxicity aquatic micro-organisms	EC10	OECD 209	>1000 mg/l	30 minutes		Static system	Fresh water	Experimental value

Judgement is based on the relevant ingredients of the mixture

Conclusion

Not classified as dangerous for the environment according to the criteria of Directive 1999/45/EC
Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2 Persistence and degradability:

2-aminoethanol

Biodegradation water

Method	Value	Duration	Value determination
OECD 301A: DOC Die-Away Test	> 90 %	21 day(s)	Experimental value

Conclusion

The surfactant(s) is/are biodegradable

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12.3 Bioaccumulative potential:

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Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

2-aminoethanol

Log Kow

Method	Remark	Value	Temperature	Value determination
		-1.91	25 °C	

Conclusion

Does not contain bioaccumulative component(s)

12.4 Mobility in soil:

2-aminoethanol

(log) Koc

Parameter	Method	Value	Value determination
log Koc	SRC PCKOCWIN v2.0	0.067	Calculated value

Volatility (Henry's Law constant H)

Value	Method	Temperature	Remark	Value determination
0.000037 atm m ³ /mol	SRC HENRYWIN v3.10	25 °C		Calculated value

Percent distribution

Method	Fraction air	Fraction biota	Fraction sediment	Fraction soil	Fraction water	Value determination
Mackay level I	0.11 %				99.99 %	Calculated value

Conclusion

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:

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Global warming potential (GWP)

None of the known components is included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)

Ozone-depleting potential (ODP)

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

Ground water

Ground water pollutant

2-aminoethanol

Ground water

Ground water pollutant

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

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

20 01 30 (separately collected fractions (except 15 01): detergents other than those mentioned in 20 01 29). Depending on branch of industry and production process, also other waste codes may be applicable. Can be considered as non hazardous waste according to Directive 2008/98/EC.

13.1.2 Disposal methods

Refer to manufacturer/supplier for information on recovery/ recycling. Remove for physico-chemical/biological treatment. Remove to an authorized incinerator with energy recovery. Remove waste in accordance with local and/or national regulations. Do not discharge into the sewer. Do not discharge into surface water.

13.1.3 Packaging/Container

Waste material code packaging (Directive 2008/98/EC).
15 01 02 (plastic packaging).

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Road (ADR)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Rail (RID)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Inland waterways (ADN)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Sea (IMDG/IMSBC)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
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14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Marine pollutant	-
Environmentally hazardous substance mark	no

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14.6 Special precautions for user:

Special provisions	
Limited quantities	

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Annex II of MARPOL 73/78	
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Air (ICAO-TI/IATA-DGR)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
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14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Passenger and cargo transport: limited quantities: maximum net quantity per packaging	

SECTION 15: Regulatory information

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

European legislation:

Volatile organic compounds (VOC)

< 5 %

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
2-aminoethanol	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are 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.	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 ornamental aspects,2. Articles not complying with paragraph 1 shall not be placed on the market.3. 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, — present an aspiration hazard and are labelled with R65 or H304,4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).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.'

Reference legislation

See column 1: 3.

National legislation The Netherlands

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Waste identification (the Netherlands)	LWCA (the Netherlands): KGA category 03
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Soudal PU Remover

Waterbezwaarlijkheid	11
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National legislation Germany

Soudal PU Remover

WGK	1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
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2-aminoethanol

TA-Luft	TA-Luft Klasse 5.2.5/1
Schwangerschaft Gruppe	C
MAK 8-Stunden-Mittelwert ppm	2-Aminoethanol; 2 ppm
MAK 8-Stunden-Mittelwert mg/m ³	2-Aminoethanol; 5.1 mg/m ³

National legislation France

Soudal PU Remover

No data available

National legislation Belgium

Soudal PU Remover

No data available

15.2 Chemical safety assessment:

No chemical safety assessment is required.

SECTION 16: Other information

Full text of any R-phrases referred to under headings 2 and 3:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R34 Causes burns

Full text of any H-statements referred to under headings 2 and 3:

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

(*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

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

Specific concentration limits CLP

2-aminoethanol	C ≥ 5 %	STOT SE 3 ; H335	CLP Annex VI (ATP 0)
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Specific concentration limits DSD

2-aminoethanol	C ≥ 10 %	C; R34	Annex VI
	5 % ≤ C < 10 %	Xi; R36/37/38	Annex VI

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Reason for revision: ATP4

Publication date: 2005-11-29

Date of revision: 2014-02-28

Revision number: 0200

Product number: 42914

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