

SAFETY DATA SHEET

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

Soudal Primer 100

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Product name : Soudal Primer 100 **Registration number REACH** : Not applicable (mixture) Product type REACH : Mixture 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1 Relevant identified uses Primer 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 **2** +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 dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
Flam. Liq.	categ <mark>ory 3</mark>	H226: Flammable liquid and vapour.
Acute Tox.	categ <mark>ory 4</mark>	H332: Harmful if inhaled.
STOT RE	categ <mark>ory 2</mark>	H373: May cause damage to organs through prolonged or repeated exposure.
Eye Irrit.	categ <mark>ory 2</mark>	H319: Causes serious eye irritation.
STOT SE	categ <mark>ory 3</mark>	H335: May cause respiratory irritation.
STOT SE	categ <mark>ory 3</mark>	H336: May cause drowsiness or dizziness.
Skin Sens.	categ <mark>ory 1</mark>	H317: May cause an allergic skin reaction.
Aquatic Chronic	categ <mark>ory 2</mark>	H411: Toxic to aquatic life with long lasting effects.

2.2. Label elements



Contains: diethylmethylbenzenediamine; 1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate; hydrocarbons, C9, aromatics; 3isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate; 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers.

Signal word	Warning	
H-statements		
H226	Flammable liquid and vapour.	
H332	Harmful if inhaled.	
H373	May cause damage to organs throu	igh prolonged or repeated exposure.
H319	Causes serious eye irritation.	
Created by: Brandweerinformatiece	entrum voor gevaarlijke stoffen vzw (Bl	G) Publication date: 2006-12-14 គ្
Technische Schoolstraat 43 A, B-24	40 Geel	Date of revision: 2017-03-09
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H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
P-statements	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves, protective clothing and eye protection/face protection.
P260	Do not breathe vapours.
P271	Use only outdoors or in a well-ventilated area.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.
Supplemental informati	on and a second s
EUH066	Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
diethylmethylbenzenediamine	68479-98-1 270-877-4	10% <c<25%< th=""><th>Acute Tox. 4; H312 Acute Tox. 4; H302 STOT RE 2; H373 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410</th><th>(1)(10)</th><th>Multi-constituent substance</th></c<25%<>	Acute Tox. 4; H312 Acute Tox. 4; H302 STOT RE 2; H373 Eye Irrit. 2; H319 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	(1)(10)	Multi-constituent substance
1,6-hexanediyl-bis(2-(2-(1-ethylpe oxazolidinyl)ethyl)carbamate 01-0000015906-63	ntyl)-3- 140921-24-0 411-700-4	0.1% <c<1%< td=""><td>Skin Sens. 1; H317</td><td>(1)</td><td>Constituent</td></c<1%<>	Skin Sens. 1; H317	(1)	Constituent
hydrocarbons, C9, aromatics 01-2119455851-35		25% <c<50%< td=""><td>Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411</td><td>(1)(10)</td><td>UVCB</td></c<50%<>	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335 STOT SE 3; H336 Aquatic Chronic 2; H411	(1)(10)	UVCB
3-isocyanatomethyl-3,5,5-trimeth isocyanate 01-2119490408-31	ylcyclohexyl 4098-71-9 223-861-6	0.1% <c<1%< td=""><td>Acute Tox. 1; H330 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H314 Skin Sens. 1; H317 Aquatic Chronic 2; H411</td><td>(1)(2)(8)(10)</td><td>Constituent</td></c<1%<>	Acute Tox. 1; H330 Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315 Resp. Sens. 1; H314 Skin Sens. 1; H317 Aquatic Chronic 2; H411	(1)(2)(8)(10)	Constituent
3-isocyanatomethyl-3,5,5-trimethy isocyanate, oligomers 01-2119488734-24	ylcyclohexyl		STOT SE 3; H335 Skin Sens. 1; H317	(1)	Polymer
(benzene, conc<0.1%)					

(8) Specific concentration limits, 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

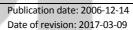
4.1. Description of first aid measures

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:

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

After skin contact:

Wash immediately with lots of water. Take victim to a doctor if irritation persists.

After eye contact:

Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

After ingestion:

Rinse mouth with water. Consult a doctor/medical service if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

4.2.1 Acute symptoms
After inhalation:
Irritation of the respiratory tract. Irritation of the nasal mucous membranes. EXPOSURE TO HIGH CONCENTRATIONS: Narcosis.
After skin contact:
ON CONTINUOUS EXPOSURE/CONTACT: Tingling/irritation of the skin. Dry skin. Cracking of the skin.
After eye contact:
Irritation of the eye tissue. Redness 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: Polyvalent foam. BC powder. Carbon dioxide.
- 5.1.2 Unsuitable extinguishing media: No unsuitable extinguishing media known.

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:

If exposed to fire cool the closed containers by spraying with water. Dilute toxic gases with water spray. Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.

5.3.2 Special protective equipment for fire-fighters:

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- 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 clothing. Suitable protective clothing

See heading 8.2

6.2. Environmental precautions

Contain released product. Dam up the liquid spill. Prevent soil and water pollution. Prevent spreading in sewers. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into absorbent 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 handling.

6.4. Reference to other sections

See heading 13.

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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. Insufficient ventilation: keep naked flames/sparks away. Insufficient ventilation: use spark-/explosionproof appliances and lighting system. Gas/vapour heavier than air at 20°C. Observe very strict hygiene - avoid contact. Keep container tightly closed. Remove contaminated clothing immediately. Do not discharge the waste into the drain.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Ventilation at floor level. Keep out of direct sunlight. Meet the legal requirements. Max. storage time: 1 year(s).

7.2.2 Keep away from:

Heat sources, ignition sources.

- 7.2.3 Suitable packaging material:
 - Tin.
- 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.

Diisocyanate d'isophoron <mark>e</mark>	Time-weighted aver	age exposure limit 8 h	0.005 ppm
	Time-weighted aver	age exposure limit 8 h	0.046 mg/m
The Netherlands			
Isoforondiisocyanaat (IPDI)	Time-weighted aver	age exposure limit 8 h (Private occupatio	onal 0.0054 ppm
	exposure limit value		
	Time-weighted aver	age exposure limit 8 h (Private occupation	onal 0.05 mg/m ³
	exposure limit value	e)	
	Short time value (Pr	ivate occupational exposure limit value)	0.021 ppm
	Short time value (Pr	ivate occupational exposure limit value)	0.19 mg/m ³
France			
Diisocyanate d'isophoron <mark>e</mark>	Time-weighted aver	age exposure limit 8 h (VL: Valeur non	0.01 ppm
	réglementaire indica	ative)	
	Time-weighted aver	age exposure limit 8 h (VL: Valeur non	0.09 mg/m ³
	réglementaire indica		
	Short time value (VI	: Valeur non réglementaire indicative)	0.02 ppm
	Short time value (VI	: Valeur non réglementaire indicative)	0.18 mg/m ³
Germany			
3-Isocyanatmethyl-3,5,5-trimethylcyclohexylisocyanat	Time-weighted aver	age exposure limit 8 h (TRGS 900)	0.005 ppm
	Time-weighted aver	age exposure limit 8 h (TRGS 900)	0.046 mg/n
UK			
Isocyanates, all (as -NCO) Except methyl isocyanate	Time-weighted aver (EH40/2005))	age exposure limit 8 h (Workplace expo	sure limit 0.02 mg/m ^s
	Short time value (W	orkplace exposure limit (EH40/2005))	0.07 mg/m ³
USA (TLV-ACGIH)			
Isophorone diisocyanate	Time-weighted aver	age exposure limit 8 h (TLV - Adopted Va	alue) 0.005 ppm
b) National biological lim <mark>it values</mark>			
If limit values are applicable and available these will be liste	ed below.		
1.2 Sampling methods			
If applicable and available it will be listed below.			
1,5-Naphthalene diisocyanate (Glycols)	NIOSH	5525	1
1,6-Hexamethylene diisocyanate (Glycols)	NIOSH	5525	
4,4'-Methylenebis(cyclohexylsocyanate) (Glycols)	NIOSH	5525	
4,4'-Methylenebis(phenylisocyanate (Glycols))	NIOSH	5525	
Isophorone diisocyanate (Glycols)	NIOSH	5525	
	OSHA	2034	
Isophorone Diisocyanate			
for revision: 8.2		Publication date: 2006-12-14	

Revision number: 0400

Foluene 2,4-diisocyanate (Glycols	s) NIOSH	5525	
Foluene 2,6-diisocyanate (Glycols	s) NIOSH	5525	
3 Applicable limit value <mark>s when u</mark>	i <mark>sing the substance or mixture</mark> as intended		
f limit values are applicable and a	available these will be listed below.		
1 DNEL/PNEC values			
DNEL/DMEL - Workers			
liethylmethylbenzenediamine			
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	0.13 mg/m ³	
	Long-term systemic effects dermal	1 mg/kg bw/day	
nydrocarbons, C9, aromatics			
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	150 mg/m ³	
	Long-term systemic effects dermal	25 mg/kg bw/day	
-isocyanatomethyl-3,5, <mark>5-trimeth</mark>	nylcyclohexyl isocyanate		
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term local effects inhalation	0.0453 mg/m ³	
	Acute local effects inhalation	0.0453 mg/m ³	
-isocyanatomethyl-3,5,5-trimeth	nylcyclohexyl isocyanate, oligomers		
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term local effects inhalation	0.29 mg/m ³	
	Acute local effects inhalation	0.58 mg/m ³	
DNEL/DMEL - General population	<u>n</u>		
<u>liethylmethylbenzenediamine</u>			<u>.</u>
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	0.1 mg/m ³	
	Long-term systemic effects dermal	1 mg/kg bw/day	
	Long-term systemic effects oral	0.1 mg/kg bw/day	
nydrocarbons, C9, aromatics			
Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	32 mg/m³	
	Long-term systemic effects dermal	11 mg/kg bw/day	
	Long-term systemic effects oral	11 mg/kg bw/day	
PNEC			
diethylmethylbenzenediamine			
Compartments	Value	Remark	
Fresh water	0.001 mg/l		
Marine water	0 mg/l		
Aqua (intermittent releases)	0.005 mg/l		
STP	17 mg/l		
•	0.029 mg/kg sediment dw		
Fresh water sediment			
•	0.003 mg/kg sediment dw		
Fresh water sediment	0.003 mg/kg sediment dw 5.6 μg/kg soil dw		
Fresh water sediment Marine water sediment Soil Oral	0.003 mg/kg sediment dw 5.6 μg/kg soil dw 2 mg/kg food		
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth	0.003 mg/kg sediment dw 5.6 μg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate		
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments	0.003 mg/kg sediment dw 5.6 μg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value	Remark	
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l	Remark	
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water	0.003 mg/kg sediment dw 5.6 μg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value	Remark	
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l	Remark	
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l	Remark	
Fresh water sediment Marine water sediment Soil Oral B-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases)	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw		
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases) STP	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw		
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw		
Fresh water sediment Marine water sediment Soil Oral B-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment Marine water sediment Soil	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw		
Fresh water sediment Marine water sediment Soil Oral B-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment Marine water sediment Soil	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw		
Fresh water sediment Marine water sediment Soil Oral B-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment Marine water sediment Soil B-isocyanatomethyl-3,5,5-trimeth	0.003 mg/kg sediment dw 5.6 μg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw 44.01 mg/kg soil dw hylcyclohexyl isocyanate, oligomers Value 0.0015 mg/l		
Fresh water sediment Marine water sediment Soil Oral Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment Marine water sediment Soil 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw 44.01 mg/kg soil dw hylcyclohexyl isocyanate, oligomers Value		
Fresh water sediment Marine water sediment Soil Oral B-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment Marine water sediment Soil B-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water	0.003 mg/kg sediment dw 5.6 μg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.04 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw 44.01 mg/kg soil dw hylcyclohexyl isocyanate, oligomers Value 0.0015 mg/l		
Fresh water sediment Marine water sediment Soil Oral Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment Marine water sediment Soil 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.004 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw 44.01 mg/kg soil dw hylcyclohexyl isocyanate, oligomers Value 0.0015 mg/l 0.00015 mg/l		
Fresh water sediment Marine water sediment Soil Oral 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Aqua (intermittent releases) STP Fresh water sediment Marine water sediment Soil 3-isocyanatomethyl-3,5,5-trimeth Compartments Fresh water Salt water Salt water Aqua (intermittent releases)	0.003 mg/kg sediment dw 5.6 µg/kg soil dw 2 mg/kg food hylcyclohexyl isocyanate Value 0.06 mg/l 0.006 mg/l 0.004 mg/l 10.6 mg/l 10.6 mg/l 218.92 mg/kg sediment dw 21.89 mg/kg sediment dw 44.01 mg/kg soil dw hylcyclohexyl isocyanate, oligomers Value 0.0015 mg/l 0.015 mg/l		

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

Reason for	revision: 8.2
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Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Insufficient ventilation: use spark-/explosionproof appliances and lighting system. 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 very strict hygiene - avoid contact. Keep container tightly closed. Do not eat, drink or smoke during work. <u>a) Respiratory protection:</u>

- Wear gas mask with filte<mark>r type A if conc. in air > exposure limit</mark>.
- b) Hand protection: Gloves.
- materials (good resistance)
- Polyethylene.
- 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	Viscous liquid
Odour	Solvent-like odour
Odour threshold	no data available
Colour	Variable in colour, depending on the composition
Particle size	Not applicable (liquid)
Explosion limits	no data available
Flammability	Flammable liquid and vapour.
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	47 ℃
Evaporation rate	no data available
Relative vapour density	>1
Vapour pressure	no data available
Solubility	water ; insoluble
	organic solvents ; soluble
Relative density	1.01 ; 20 °C
Decomposition temperature	no data available
Auto-ignition temperatur <mark>e</mark>	no data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
DH	no data available

9.2. Other information Absolute density

1010 kg/m³ ; 20 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

May be ignited by sparks<mark>. no data available.</mark>

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Keep away from naked flames/heat. Insufficient ventilation: keep naked flames/sparks away. Insufficient ventilation: use spark-/explosionproof appliances and lighting system.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

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

Reason for revision: 8.2

Publication date: 2006-12-14 Date of revision: 2017-03-09

1. Information of		l informatio	n				
11.1.1 Test results	on toxi <mark>colog</mark>	ical effects					
oxicity							
al Primer 100							
o (test)data on the m		2					
ethylmethylbenzene Route of exposure		Method	Value	Exposure time	Species	Value	Remark
Route of expession		in our ou		Exposuro timo	opolios	determination	itornant.
Oral	LD50	OECD 401	738 mg/kg bw		Rat (male/female)	Experimental value	
Dermal	LD50	OECD 402	> 2000 mg/kg bw		Rat (male/female)	Experimental value	
Inhalation (aerosol	,)-3-oxazolidinyl)ethyl	> 2.45 mg/l	1 h	Rat (male/female)	Experimental value	
Route of exposure		Method	Value	Exposure time	Species	Value	Remark
noute of expession		iniotinou		Exposuro timo	opolios	determination	
Oral	LD50	OECD 401	<mark>> 2000 m</mark> g/kg bw		Rat (male/female)	Experimental value	
drocarbons, C9, aroi		b	h		L	L	
Route of exposure	e Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		> 6984 mg/kg bw		Rat (male)	Experimental value	
Oral	LD50		3492 mg/kg bw		Rat (female)	Experimental value	
Dermal	LD50	Equivalent to OECD	> 3160 mg/kg bw		Rabbit	Experimental value	
		402	0, 0		(male/female)	•	
Inhalation (vapour	s) LC50	Equivalent to OECD	<mark>> 6.193 m</mark> g/l air	4 h	Rat (male/female)	Experimental value	
	E E trins athulau	403					
isocyanatomethyl-3, Route of exposure		Method	Value	Exposure time	Species	Value	Remark
Route of exposure		ivicinou	Value	Exposure time	openes	determination	Remark
Oral	LD50	Equivalent to OECD	<mark>4814 mg</mark> /kg bw		Rat (male/female)	Experimental value	
		401					
Dermal	LD50	OECD 402	> 7000 mg/kg bw		Rat (male/female)	Experimental value	
Inhalation (aerosol Inhalation (aerosol		OECD 403 OECD 403	<mark>0.031 m</mark> g/l air < 18 mg/m³ air		Rat (male/female) Rat (male/female)	Experimental value Experimental value	
iclusion armful if inhaled. ot classified as acute	toxic in contact	t with skin					
iclusion armful if inhaled. ot classified as acute ot classified as acute	toxic in contact	t with skin					
iclusion armful if inhaled. ot classified as acute ot classified as acute on/irritation al Primer 100	toxic in contact toxic if swallow	with skin ved					
iclusion armful if inhaled. ot classified as acute ot classified as acute on/irritation al Primer 100 o (test)data on the m	toxic in contact toxic if swallow nixture available	with skin ved	Exposure time	Time point	Species	Value	Remark
iclusion armful if inhaled. ot classified as acute ot classified as acute on/irritation al Primer 100 o (test)data on the m ethylmethylbenzene Route of exposure	toxic in contact toxic if swallow nixture available diamine Result	with skin ved Method			•	Value determination	
clusion armful if inhaled. ot classified as acute on/irritation al Primer 100 o (test)data on the m ethylmethylbenzene Route of exposure	toxic in contact toxic if swallow nixture available	with skin yed Method EPA 16 CFR		Time point 24; 48; 72 hours	Species Rabbit	Value	
clusion armful if inhaled. ot classified as acute on/irritation al Primer 100 o (test)data on the m ethylmethylbenzene Route of exposure Eye	toxic in contact toxic if swallow nixture available diamine Result	with skin ved Method			•	Value determination	e
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clusion armful if inhaled. ot classified as acute ot classified as acute on/irritation al Primer 100 o (test)data on the m ethylmethylbenzene Route of exposure Skin 5-hexanediyl-bis(2-(2 Route of exposure	toxic in contact toxic if swallow nixture available diamine Result Irritating Not irritating 2-(1-ethylpentyl Result	Method EPA 16 CFR 1500.42 OECD 404 DECD 404 Method	Exposure time	24; 48; 72 hours	Rabbit Rabbit Species	Value determination Experimental valu Experimental valu Value determination	e Remark
Inclusion armful if inhaled. bt classified as acute bt classified as acute on/irritation al Primer 100 b (test)data on the m ethylmethylbenzene Route of exposure Skin 6-hexanediyl-bis(2-(2 Route of exposure Eye	toxic in contact toxic if swallow nixture available diamine Result Irritating 2-(1-ethylpentyl Result Not irritating	Method EPA 16 CFR 1500.42 OECD 404 DECD 404 DECD 404 EU Method B.5	Exposure time 4 h)carbamate Exposure time	24; 48; 72 hours 72 hours Time point 24; 48; 72 hours	Rabbit Rabbit Species Rabbit	Value determination Experimental valu Experimental valu Value determination Experimental valu	e Remark e
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actusion armful if inhaled. bit classified as acute Route of exposure Skin clocarbons, C9, aroo Route of exposure Eye Eye	toxic in contact toxic if swallow nixture available diamine Result Irritating Not irritating 2-(1-ethylpentyl Result Not irritating Not irritating Not irritating Not irritating Result	with skin wed Perform EPA 16 CFR 1500.42 OECD 404 <u>DecD 404</u> <u>DecD 404</u> <u>DecD 404</u> <u>DecD 404</u> <u>DecD 404</u> <u>DecD 404</u> <u>DecD 404</u> <u>DecD 404</u> <u>DecD 405</u>	Exposure time 4 h)carbamate Exposure time 4 h	24; 48; 72 hours 72 hours Time point 24; 48; 72 hours 24; 48; 72 hours 24; 48; 72 hours	Rabbit Rabbit Species Rabbit Rabbit Rabbit Species Species	Value determination Experimental value Experimental value Value determination Experimental value Value Value determination	e Remark e e e e Remark
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Route of exposure		Method				DOINT	Species	Value	Remark
		litiou	Слроз	ure time	Time		Species	Value determination	Remark
Eye	Highly irritating	Equivalent to OECD 405	30 sec	onds	24; 48	3; 72 hours	Rabbit	Experimental value	
	Irritating; category 2							Annex VI	
Inhalation (aerosol)		Human		ites - 5			Human	Experimental value	
socyanatomethyl-3,5	E trimothylaya	observation stu	,	es	_		-		
Route of exposure		Method		ure time	Time	noint	Species	Value	Remark
•		INICUIOU	Lypost		Time	point	species	determination	Keinark
	Irritating; STOT SE cat.3							Literature study	
assification is based o	on the re <mark>levant i</mark>	ngredients							
<u>clusion</u> iuses serious eye irrit ay cause respiratory ot classified as irritati tory or skin sensitisa al Primer 100	irritation. ng to th <mark>e skin</mark>								
o (test)data on the m	ixture a <mark>vailable</mark>								
ethylmethylbenzened					-				
Route of exposure R	esult	Method	Exposu	re time	Observ point	vation time	Species	Value determination	Remark
	lot sens <mark>itizing</mark>				24; 48	hours	Guinea pig	Experimental value	
6-hexanediyl-bis(2-(2									
Route of exposure R	esult	Method	Exposu	re time	Observ point	vation time	Species	Value determination	Remark
Skin S	ensitizin <mark>g</mark>	EU Method B.6			24; 48	hours	Guinea pig (male/female)	Experimental value	
drocarbons, C9, aror	natics						, ,		
Route of exposure		Method	Exposu	re time	Observ point	vation time	Species	Value determination	Remark
Skin N	lot sens <mark>itizing</mark>	OECD 406			24; 48	hours	Guinea pig	Experimental value	
							(female)		
isocyanatomethyl-3,								h	
Route of exposure R	esult	Method	Exposu	retime	Observ	vation time	Species	Value determination	Remark
Skin S	ensitizin <mark>g</mark>	OECD 406			24; 48	hours	Guinea pig	Experimental value	
nhalation (aerosol)		Equivalent to OEC 403	D		,		Guinea pig (female)	Experimental value	
Inhalation (aerosol) P	ositive	Human observation	on				Human (male)	Experimental value	
isocyanatomethyl-3,									
Route of exposure R		Method	Exposu	re time		vation time	Species	Value determination	Remark
Skin S	ensitizi <mark>ng</mark>	OECD 429		-	point		Mouse (female)	Experimental value	
assification is based of								I	
clusion		0							
ay cause an allergic s	kin reaction.								
ot classified as sensiti		on							
	-								
target organ toxicit	y								
al Primer 100									
(test)data on the mix	ture available								
ethylmethylbenzened									
Route of exposure		lethod Valu	le	Organ	Ef	fect	Exposure time	e Species	Value
			4	Ŭ					determina
Oral (diet)		quivalent to 8 mg ECD 408 bw/	day			o effect	90 day(s)	Rat (male)	Experimei value
Oral		quivalent to 21 n ECD 408 bw/	ng/kg day	Various or		eight duction	90 day(s)	Rat (male)	Experimei value
Oral	LOAEL E		ng/kg	Various or	gans W	/eight duction	90 day(s)	Rat (female)	Experimer value
Dermal			0 mg/l			o effect	3 weeks (5	Rabbit	Experime
Serria		exicity test				circu	days/week)	(male/female)	value
for revision: 8.2				- 1		D	ublication date: 2	2006-12-14	
							ate of revision: 2		

hydrocarbons, C9, aror	matics								
Route of exposure	Paramete	r Method	Value	Organ	Effect	Exposure time	Specie	es	Value determinatio
Oral (stomach tube)	NOAEL	Equivalent to OECD 408	600 mg/kg bw/day		No effect	13 weeks (daily)		/female)	Read-across
Dermal									Data waiving
Inhalation	NOAEC	Equivalent to	1800 mg/m ³ ai	r	No effect	52 weeks (6h/da	ay, 5 Rat (m	nale)	Read-across
(vapours)		OECD 452				days/week)		-	
3-isocyanatomethyl-3,					_				-
Route of exposure	Paramete	r Method	Value	Organ	Effect	Exposure time	Specie	es	Value determinatio
Inhalation	NOAEC	OECD 412	0.24 mg/m ³ air	Respiratory tract	No effect	4 weeks (6h/day days/week)		/female)	Experimental value
Inhalation	LOAEC	OECD 412	1.05 mg/m ³ air	Larynx	Histopathologic al changes	c 4 weeks (6h/day days/week)		/female)	Experimental value
Inhalation	NOAEC	OECD 413	0.27 mg/m ³ air	Respiratory tract	No effect	13 weeks (6h/da days/week)	ay, 5 Rat (male,	/female)	Experimental value
Inhalation	LOAEC	OECD 413	1.1 mg/m³ air	Larynx	Histopathologic al changes	t 13 weeks (6h/da days/week)		/female)	Experimental value
3-isocyanatomethyl-3,	5,5-trimeth	ylcyclohexyl isocya	nate, oligomers						•
Route of exposure	Paramete	r Method	Value	Organ	Effect	Exposure time	Specie	es	Value
									determinatio
Inhalation (dust)	NOAEC	OECD 413	2.9 mg/m³ air	Respiratory tract	Irritation of the respiratory trac		Rat (male,	/female)	Experimental value
Inhalation (dust)	LOAEC	OECD 413	15 mg/m³ air	Respiratory tract	Irritation of the respiratory trac		Rat (male,	/female)	Experimental value
Classification is based of	on the relev	ant ingredients							•
<u>Conclusion</u>									
May cause drowsiness	or dizzines	s.							
May cause damage to	organs t <mark>hro</mark>	ough prolonged or i	repeated exposi	ure.					
tagenicity (in vitro)									
oudal Primer 100									
No (test)data on the m	ixture avail	ahle							
diethylmethylbenzene		able							
Result	ulamine	Method		Test substrate	Ef	fect	h	Value deter	rmination
Positive with metal	holic	OECD 476		Mouse (lympho		ICCI		Experiment	
activation		0100 470		cells)	a LJ1/01		C	-sperment	
		0500 472		,					
Amhiguous		$() \vdash (1) \perp \perp \perp \perp$		Human ivmnna	rvtes		F	Experiment	al value
Ambiguous 1.6-hexanediyl-bis(2-(2	-(1-ethylpe	OECD 473 ntvl)-3-oxazolidiny	l)ethyl)carbama	Human lymphoo te	cytes		E	Experiment	al value
Ambiguous <u>1,6-hexanediyl-bis(2-(2</u> Result	-(1-eth <mark>ylpe</mark>	ntyl)-3-oxazolidiny	l)ethyl)carbama	te		fect			
1,6-hexanediyl-bis(2-(2 Result	<u>-(1-ethylpe</u>	ntyl)-3-oxazolidiny Method	l)ethyl)carbama	<u>te</u> Test substrate	Ef	fect	Ν	Value deter	rmination
1,6-hexanediyl-bis(2-(2 Result Negative		ntyl)-3-oxazolidiny	l <u>)ethyl)carbama</u>	te	Ef	fect	Ν		rmination
1,6-hexanediyl-bis(2-(2 Result		ntyl)-3-oxazolidiny Method	l)ethyl)carbama	<u>te</u> Test substrate	Ef imurium)	fect	E	Value deter	rmination tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aron Result	matics	ntyl)-3-oxazolidiny Method OECD 471 Method		<u>te</u> Test substrate Bacteria (S.typh Test substrate	Ef imurium) Ef	fect	E N	Value deter Experiment Value deter	rmination tal value rmination
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror	matics abolic	ntyl)-3-oxazolidiny Method OECD 471		<u>te</u> Test substrate Bacteria (S.typh	Ef imurium) Ef		E N	Value deter Experiment	rmination tal value rmination
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta	natics abolic e without	ntyl)-3-oxazolidiny Method OECD 471 Method		<u>te</u> Test substrate Bacteria (S.typh Test substrate	Ef imurium) Ef	fect	E N	Value deter Experiment Value deter	rmination tal value rmination
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC	D 471	<u>te</u> Test substrate Bacteria (S.typh Test substrate	Ef imurium) Ef	fect	E N	Value deter Experiment Value deter	rmination tal value rmination
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activatio	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC	D 471	<u>te</u> Test substrate Bacteria (S.typh Test substrate	Ef imurium) Ef imurium) N	fect	N E N	Value deter Experiment Value deter	rmination tal value rmination tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activatio 3-isocyanatomethyl-3,!	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya	D 471	<u>te</u> Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh	Ef imurium) Ef imurium) N	f ect o effect	N E E	Value deter Experiment Value deter Experiment	rmination tal value rmination tal value rmination
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activatio 3-isocyanatomethyl-3, Result Negative Negative	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya Method OECD 476 OECD 471	D 471	te Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh Test substrate Chinese hamste Bacteria (S.typh	Ef imurium) Ef imurium) N Ef r ovary (CHO) N imurium) N	ffect o effect ffect o effect o effect o effect	N E E E E E	Value deter Experiment Value deter Experiment Value deter Experiment Experiment	rmination tal value rmination tal value rmination tal value tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activatio 3-isocyanatomethyl-3,5 Result Negative	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya Method OECD 476	D 471	te Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh Test substrate Chinese hamste Bacteria (S.typh	Ef imurium) Ef imurium) N Ef r ovary (CHO) N imurium) N	ffect o effect ffect o effect	N E E E E E	Value deter Experiment Value deter Experiment Value deter Experiment	rmination tal value rmination tal value rmination tal value tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activatio 3-isocyanatomethyl-3, Result Negative Negative Positive	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya Method OECD 476 OECD 471	D 471	te Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh Test substrate Chinese hamste Bacteria (S.typh	Ef imurium) Ef imurium) N Ef r ovary (CHO) N imurium) N	ffect o effect ffect o effect o effect o effect	N E E E E E	Value deter Experiment Value deter Experiment Value deter Experiment Experiment	rmination tal value rmination tal value rmination tal value tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activatio 3-isocyanatomethyl-3, Result Negative Negative Positive	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya Method OECD 476 OECD 471	D 471	te Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh Test substrate Chinese hamste Bacteria (S.typh	Ef imurium) Ef imurium) N Ef r ovary (CHO) N imurium) N	ffect o effect ffect o effect o effect o effect	N E E E E E	Value deter Experiment Value deter Experiment Value deter Experiment Experiment	rmination tal value rmination tal value rmination tal value tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activation 3-isocyanatomethyl-3, Result Negative Negative Positive tagenicity (in vivo)	matics abolic e without n	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya Method OECD 476 OECD 471	D 471	te Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh Test substrate Chinese hamste Bacteria (S.typh	Ef imurium) Ef imurium) N Ef r ovary (CHO) N imurium) N	ffect o effect ffect o effect o effect o effect	N E E E E E	Value deter Experiment Value deter Experiment Value deter Experiment Experiment	rmination tal value rmination tal value rmination tal value tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activation 3-isocyanatomethyl-3, Result Negative Negative Positive tagenicity (in vivo)	matics abolic e without n 5,5-trimeth	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya Method OECD 476 OECD 471 OECD 473	D 471	te Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh Test substrate Chinese hamste Bacteria (S.typh	Ef imurium) Ef imurium) N Ef r ovary (CHO) N imurium) N	ffect o effect ffect o effect o effect o effect	N E E E E E	Value deter Experiment Value deter Experiment Value deter Experiment Experiment	rmination tal value rmination tal value rmination tal value tal value
1,6-hexanediyl-bis(2-(2 Result Negative hydrocarbons, C9, aror Result Negative with meta activation, negative metabolic activatio <u>3-isocyanatomethyl-3,1</u> Result Negative Negative Positive tagenicity (in vivo) budal Primer 100	natics abolic e without 5,5-trimeth	ntyl)-3-oxazolidiny Method OECD 471 Method Equivalent to OEC ylcyclohexyl isocya Method OECD 476 OECD 471 OECD 473	D 471	te Test substrate Bacteria (S.typh Test substrate Bacteria (S.typh Test substrate Chinese hamste Bacteria (S.typh	Ef imurium) Ef imurium) N Ef r ovary (CHO) N imurium) N	ffect o effect ffect o effect o effect o effect	N E E E E E	Value deter Experiment Value deter Experiment Value deter Experiment Experiment	rmination tal value rmination tal value rmination tal value tal value
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Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

Soudal Primer 100

No (test)data on the mixture available

ethylmethylbe	nzenediamine							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Oral	LOAEL	Equivalent to OECD 451	> 3.2 mg/kg bw/day	104 weeks (daily)	Rat (male)	Carcinogenicity	Liver	Experimental value
Oral	LOAEL	Equivalent to OECD 451	> 3.8 mg/kg bw/day	104 weeks (daily)	Rat (female)	Carcinogenicity	Liver	Experimental value
Oral	LOAEL	Equivalent to OECD 451	> 3.2 mg/kg bw/day	104 weeks (daily)	Rat (male)	Tumor formation	Thyroid	Experimental value
Oral	LOAEL	Equivalent to OECD 451	≥ 3.8 mg/kg bw/day	104 weeks (daily)	Rat (female)	Tumor formation	Thyroid	Experimental value
Oral	LOAEL	Equivalent to OECD 451	> 1.8 mg/kg bw/day	104 weeks (daily)	Rat (female)	Tumor formation	Mammary gland	Experimental value
drocarbons, C	9, aromatics							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determinatio
Unknown								Data waiving

Judgement is based on the relevant ingredients

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

Soudal Primer 100

No (test)data on the mixture available

diethylmethylbenzenediamine

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	OECD 414	7.83 mg/kg bw/day	20 days (gestation, daily)	Rat	No effect	Foetus	Experimental value
Maternal toxicity	NOEL	OECD 414	2.63 mg/kg bw/day	20 days (gestation, daily)	Rat (female)	No effect		Experimental value
Effects on fertility								Data waiving

hydrocarbons, C9, aromatics

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEC		100 ppm	10 day(s)	Mouse	No effect	Foetus	Experimental value
	LOAEC		500 ppm	10 day(s)	Mouse	Reduced foetal bodyweights	Foetus	Experimental value
Maternal toxicity	NOAEC		100 ppm	10 day(s)	Mouse	No effect		Experimental value
	LOAEC		500 ppm	10 day(s)	Mouse	Body weight reduction	General	Experimental value
Effects on fertility	NOAEC	3 generation study	7500 mg/m ³		Rat (male/female)	No effect		Experimental value

<u>3-is</u>	ocyanatomethyl-3,5,5-tri	methylcyclohexy	<u>l isocyanate</u>

	Parameter	Method	Value	Exposure time	Species	Effect	- J.	Value determination
Developmental toxicity	NOAEC	OECD 414	C, C	2 weeks (6h/day, 7 days/week)	Rat (female)	No effect		Experimental value
Maternal toxicity	NOAEC	OECD 414	0, 1	2 weeks (6h/day, 7 days/week)	Rat (female)	No effect		Experimental value

Judgement is based on the relevant ingredients

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

Soudal Primer 100

No (test)data on the mixture available

Reason for revision: 8.2

Publication date: 2006-12-14 Date of revision: 2017-03-09

Revision number: 0400

Indications C0. atomptics Main Organ Hinter Main Main Main Data Interview Interview Interview Interview Interview Interview Classification is based on the relevant impedients Enclassification is based on the relevant impedients Interview Interview Subdit Mince 100 OK CM NULLOS/NEPFATED EXPOSISE/CONTACT: Skin red/rellemination Reginative relevance Interview Interview Second relevance Interview Interview Interview Interview Interview Interview Second relevance Interview						Sou	Ida	ΙP	rimer	100					
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Acute toxicity crustacea EGS0 EU Method Ds mg/l 48 h Daphnia magna Static system Fresh water Seperimental value; Nominal crustacia Toxicity algae and other aquatic plants ErCS0 DECD 201 32 mg/l 72 h Desmodesmus Static system Fresh water Sperimental value; GP Long-term toxicity fish D D D D Data waking Long-term toxicity fish D D D Data waking Toxicity aquatic ECS0 Other >170 mg/l 24 h Pseudomonas Static system Fresh water Experimental value; nominal concentration Toxicity aquatic micro- organisms ECS0 Other >170 mg/l 24 h Pseudomonas Static system Fresh water Experimental value; Nominal concentration Toxicity soli micro-organisms ECS0 Other >170 mg/l 24 h Pseudomonas Static system Fresh water Experimental value; Nominal concentration Toxicity soli micro-organisms ECS0 Other >170 mg/l 24 h Data waking Data waking Toxicity soli micro-organisms ECS0 Other >170 mg/		Acute toxicity fishes	s	LC50)	DIN 38412-15	200 m	g/l	48 h	Leuciscus	idus	Static s	ystem		Nominal
plants OEC OECD 201 32 mg/l 72 h Operations Static system Fresh water Cup- Experimental value; GLP Long-term toxicity aquatic crustacea Image: Construction of the c		Acute toxicity crust	асеа	EC50)		0.5 mg	g/l	48 h	Daphnia	magna	Static s	ystem	Fresh water	Experimental value; Nominal
Long-term toxicity fish Image: Construction of the construct			other aqua	tic ErC5	0	OECD 201	104 m	g/I	72 h			Static s	ystem	Fresh water	
Long-term toxicity aquatic crustacea Data waiving Toxicity aquatic micro- organisms EC50 Other > 170 mg/l 24 h Pseudomonas putida Static system Fresh water Experimental value; Nominal concentration Toxicity soil micro-organisms Data waiving Data waiving Data waiving Toxicity soil micro-organisms Data waiving Data waiving Data waiving Toxicity birds Data waiving Data waiving Data waiving Toxicity birds Data waiving Data waiving Data waiving Acute toxicity fishes L50 OECD 203 9.2 mg/l 96 h Oncorrhynchus mykiss Semi-static system Fresh water Experimental value; GLP Toxicity fishes L50 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic E150 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Jaisczyanatomethyl-3.5.5 trimethylcyclohexyl (socyanate Text design Text design Fresh water Experimental value; GLP GLP Jaistic				NOE	С	OECD 201	32 mg	/I	72 h			Static s	ystem	Fresh water	
Long-term toxicity aquatic crustacea Data waiving Toxicity aquatic micro- organisms EC50 Other > 170 mg/l 24 h Pseudomonas putida Static system Fresh water Experimental value; Nominal concentration Toxicity soil micro-organisms Data waiving Data waiving Data waiving Toxicity soil micro-organisms Data waiving Data waiving Data waiving Toxicity birds Data waiving Data waiving Data waiving Toxicity birds Data waiving Data waiving Data waiving Acute toxicity fishes L50 OECD 203 9.2 mg/l 96 h Oncorrhynchus mykiss Semi-static system Fresh water Experimental value; GLP Toxicity fishes L50 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic E150 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Jaisczyanatomethyl-3.5.5 trimethylcyclohexyl (socyanate Text design Text design Fresh water Experimental value; GLP GLP Jaistic		Long-term toxicity f	fish										-		Data waiving
Toxicity aquatic micro- organisms EC50 Other > 170 mg/l 24 h seudomonas putida Static system Fresh water Experimental value; Nominal concentration Toxicity aquatic micro- organisms Parameter Method Value Duration Species Value determination Data waiving Toxicity solid micro-organisms Image: Species Value determination Data waiving Toxicity birds Image: Species Value determination Data waiving Toxicity birds Image: Species Test design Fresh/salt Value determination Acute toxicity fishes LL50 OECD 203 9.2 mg/l 96 h Oncorhynchus Semi-static Fresh water Experimental value; GLP Toxicity algae and other aquatic EL50 OECD 202 3.2 mg/l 148 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic EL50 OECD 201 2.9 mg/l 72 h Pseudokic/nene Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic EL50 OECD 201 2.9 mg/l 74 h Daio rerio Static system Fresh water <td></td> <td>Long-term toxicity a</td> <td></td> <td>_</td>		Long-term toxicity a													_
Toxicity soil micro-organisms Data		Toxicity aquatic mic	cro-	EC50)	Other	> 170	mg/l	24 h		onas	Static s	ystem	Fresh water	Nominal
Toxicity soil micro-organisms Data				Doro	motor	Mathed		Ma		Durat	ion		Cracia		Value determination
Toxicity terrestrial plants Data waiving Toxicity birds Data waiving hydrocarbons, C9, aromatics Parameter Acute toxicity fishes L50 Acute toxicity rustacea EL50 DECD 202 3,2 mg/l 96 h Oncorhynchus mykiss Semi-static mykiss Fresh vater Cute toxicity rustacea EL50 OECD 201 2,9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic EL50 OECD 201 2,9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; glants C.1 Parameter Method Value Duration Species Test design Fresh/salt Value determination water Acute toxicity crustacea EC50 EU Method Value Duration Species Test design Fresh/salt Value determination water C.20 EU Method Value Duration Species		Tovicity coil micro	arganisme	Para	imeter	ivietnoa		Vä	liue	Durat	lon	_	Specie	5	
Toxicity birds Data waiving hydrocarbons, C9, aromatics Parameter Method Value Duration Species Test design Fresh/salt Value determination Acute toxicity fishes LL50 OECD 203 9.2 mg/l 96 h Oncorhynchus Semi-static Fresh water Experimental value; GLP Acute toxicity rustacea EL50 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic EL50 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Jaints Baints LC50 EU Method 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Acute toxicity fishes LC50 EU Method 22 mg/l 96 h Danio rerio Static system Fresh water Experimental value; GLP Acute toxicity rustacea EC50 EU Method 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Ionicity algae and other aquatic									_				_		5
hydrocarbons, C9, aromatics Parameter Method Value Duration Species Test design Fresh/salt water Value determination water Acute toxicity fishes LL50 OECD 203 9.2 mg/l 96 h Oncorhynchus mykiss Semi-static system Fresh water Experimental value; GLP Acute toxicity crustacea EL50 OECD 202 3.2 mg/l 48 h Daphnia magns Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic EL50 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Jans 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate Parameter Method Value Duration Species Test design Fresh/salt water Value determination water Acute toxicity fishes LC50 EU Method 27 mg/l 96 h Danio rerio Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic EC50 EU Method 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP GLP Toxicity algae an		· · · ·	olants						_		-				
Parameter Method Value Duration Species Test design Fresh/salt water Value determination water Acute toxicity fishes LL50 OECD 203 9.2 mg/l 96 h Oncorhynchus mykiss Semi-static system Fresh water Experimental value; GLP Acute toxicity crustacea EL50 OECD 202 3.2 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic plants EL50 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP Acute toxicity algae and other aquatic plants 3-socyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate Parameter Method Value Duration Species Test design Fresh/salt water Value determination Acute toxicity fishes LC50 EU Method C.1 >72 mg/l 96 h Danio rerio Static system Fresh water Experimental value; GLP Acute toxicity fishes LC50 EU Method C.2 27 mg/l 48 h Daphnia magna Static system Fresh water		· · ·													Data waiving
Image: Noticity fishes L50 OECD 203 9.2 mg/l 96 h Oncorhynchus Semi-static mykiss Fresh water Experimental value; GLP Acute toxicity crustacea EL50 OECD 202 3.2 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic plants DECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; Growth rate 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate Parameter Method Value Duration Species Test design Fresh/sait Value determination water Acute toxicity fishes LC50 EU Method 72 mg/l 96 h Danio rerio Static system Fresh water Experimental value; GLP Acute toxicity crustacea EC50 EU Method 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic crustacea EC50 EU Method 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic crustacea DECD	<u>h</u>	ydrocarbons, C9, ard	omatics												
Acute toxicity crustacea EL50 OECD 202 3.2 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic plants EL50 OECD 201 2.9 mg/l 72 h Pseudokirchnerie Static system Fresh water Experimental value; GLP 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate		As to take to the Cale						. /1		· ·	1		3	water	
Image: construction of the second state s										mykiss		system			GLP
plants Image: Constraint of the second s										-					GLP
Parameter Method Value Duration Species Test design Fresh/salt water Value determination water Acute toxicity fishes LC50 EU Method > 72 mg/l 96 h Danio rerio Static system Fresh water Experimental value; GLP Acute toxicity crustacea EC50 EU Method 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Acute toxicity crustacea EC50 EU Method 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic EC50 EU Method 27 mg/l 96 h Chaetogammarus Static system Fresh water Experimental value; GLP Iong-term toxicity algae and other aquatic EC50 EU Method > 70 mg/l 72 h Scenedesmus subspicatus Static system Fresh water Experimental value; GLP Long-term toxicity aquatic NOEC OECD 202 3 mg/l 21 day(s) Daphnia magna Semi-static system Fresh water Read-across Toxic	2	plants					2.9 mg	g/1	72 n			Static s	ystem	Fresh water	
Acute toxicity crustacea EC50 EU Method C.2 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic plants EC50 EU Method C.3 27 mg/l 48 h Daphnia magna Static system Fresh water Experimental value; GLP Toxicity algae and other aquatic plants EC50 EU Method C.3 > 70 mg/l 72 h Scenedesmus subspicatus Static system Fresh water Experimental value; GLP Long-term toxicity aquatic crustacea NOEC OECD 202 3 mg/l 21 day(s) Daphnia magna Semi-static system Fresh water Read-across Toxicity aquatic micro- organisms EC50 OECD 202 10 mg/l 21 day(s) Daphnia magna Semi-static system Fresh water Read-across Reason for revision: 8.2 EC50 OECD 209 263 mg/l 3 h Activated sludge Static system Fresh water Experimental value; GLP Reason for revision: 8.2 Euclesson EC50 OECD 209 263 mg/l 3 h Activated sludge Static system Fresh water Experimental value; GLP Reason for revision:	<u> </u>		<u>5,5,5-trime</u>			1	Value		Duration	Species		Test de	sign		Value determination
Image: c.2 Image: c.2 I						C.1		0.							GLP
Image: Second static system Image: Second static system Image: Second static system Fresh water Experimental value; GLP Toxicity algae and other aquatic plants C.3 > 70 mg/l 72 h Scenedesmus subspicatus Static system Fresh water Experimental value; GLP Long-term toxicity aquatic crustacea NOEC OECD 202 3 mg/l 21 day(s) Daphnia magna Semi-static system Fresh water Read-across LOEC OECD 202 10 mg/l 21 day(s) Daphnia magna Semi-static system Fresh water Read-across Toxicity aquatic micro- organisms EC50 OECD 209 263 mg/l 3 h Activated sludge Static system Fresh water Experimental value; GLP Reason for revision: 8.2 Publication date: 2006-12-14 Date of revision: 2017-03-09 Date of revision: 2017-03-09 Date of revision: 2017-03-09		Acute toxicity crust	acea							-					GLP
plants C.3 subspicatus GLP Long-term toxicity aquatic crustacea NOEC OECD 202 3 mg/l 21 day(s) Daphnia magna Semi-static system Fresh water Read-across LOEC OECD 202 10 mg/l 21 day(s) Daphnia magna Semi-static system Fresh water Read-across Toxicity aquatic micro- organisms EC50 OECD 209 263 mg/l 3 h Activated sludge Static system Fresh water Experimental value; GLP Reason for revision: 8.2 EC50 OECD 209 263 mg/l 3 h Activated sludge Static system Fresh water Experimental value; GLP										marinus		system			
crustacea Image: second seco		plants				C.3		0.		subspicat	us				GLP
Image: Constraint of the system Image: Constraint of the system System System Toxicity aquatic micro- organisms EC50 OECD 209 263 mg/l 3 h Activated sludge Static system Fresh water Experimental value; GLP Reason for revision: 8.2 Experimental value; Experimental value; Date of revision: 2017-03-09		• •	aquatic								Ū	system			
organisms GLP Reason for revision: 8.2 Publication date: 2006-12-14 Date of revision: 2017-03-09												system			
Date of revision: 2017-03-09			cro-	EC50)	OECD 209	263 m	g/I	3 h	Activated	sludge	Static s	ystem	Fresh water	
	Reaso	n for revision: 8.2						_							
	Revisio	on number: 0400													11 / 17

<u>3-isocyanatometnyi-3.5</u>	<u>,5-trimet</u>	hylcyclohex	yl isocyanate, oli	gomers					
		Paramete	1	Value	Duration	Species	Test design	Fresh/salt water	Value determi
Acute toxicity fishes		LC50	EU Method C.1	> 1.5 mg/l	96 h	Cyprinus carpio	Semi-static system	Fresh water	Experimental v GLP
Acute toxicity crustac	ea	EC50	OECD 202	> 3.36 mg/	/l 48 h	Daphnia magna	Static syster	m Fresh water	Experimental v GLP
Toxicity algae and oth plants	ner aqu <mark>ati</mark>	c EC50	OECD 201	> 3.1 mg/l	72 h	Scenedesmus subspicatus	Static syster	m Fresh water	Experimental v GLP
Toxicity aquatic micro organisms)-	EC50	OECD 209	> 10000 m	g/l 3 h	Activated sludge	Static syster	m Fresh water	Experimental v GLP
assification is based on	the relev	ant ingredie	ents		L			•	•
onclusion									
Toxic to aquatic life wit	h long las	ting effects.							
2.2. Persistence ar	nd deg <mark>ra</mark>	adability							
diethylmethylbenzeneo Biodegradation wate									
Method			Value		Duratio	on	h	/alue determina	tion
EU Method C.4	_		0 %; Oxygen	consumptio				xperimental value	
Phototransformation	air (DT50) air)	0 /0) 0/(800	consumptio		(3)			
Method			Value			OH-radicals	N	/alue determina	tion
AOPWIN v1.92			1.48 h		50000) /cm³	C	QSAR	
hydrocarbons, C9, aron									
Biodegradation wate	r		Malua		Durati		-	lahua datamaina	t '
Method	actric Por	niromotry	Value		Duration 28 days			/alue determina	
OECD 301F: Manon 3-isocyanatomethyl-3,5					28 day	()	E	xperimental val	ue
Biodegradation wate		Tyleyclottex	ynsocyanate						
Method			Value		Duratio	on	N	/alue determina	tion
EU Method C.4			0 %; GLP		28 day	(s)	E	xperimental value	he
Phototransformation	air (DT50) air)							
Method			Value			OH-radicals	N	/alue determina	tion
AOPWIN v1.90			1.8 day(s)		50000	0 ∕cm³	C	QSAR	
Half-life water (t1/2) Method	water)		Value		Primar	'V	h	/alue determina	tion
Method			Value			, lation/mineralisa			lion
OECD 111: Hydrolys	sis as a <mark>fu</mark> i	nction of pH	I < 7.2 h				E	xperimental value	he
3-isocyanatomethyl-3,5		hylcyclohex	yl isocyanate, olig	gomers					
Biodegradation wate	r								
Method			Value		Duratio			alue determina	
OECD 301F: Manon		pirometry T	est 0%; GLP		28 day	(s)	E	xperimental value	ue
Half-life water (t1/2) Method	water)		Value		Primar		h	/alue determina	tion
wiethou			value			y lation/mineralisa		alue uetermina	lion
OECD 111: Hydrolys	sis as a <mark>fu</mark> i	nction of pH	l < 12 h; GLP		uogiuo			xperimental val	ue
		locion or pr	1 12 11, 02.						
onclusion									
Contains non readily bi	odegrada	ble compor	ent(s)						
	Ū		ciii(3)						
2.2 Diagonumulati	ive pote	ential							
								1	
idal Primer 100 og Kow				Value		Temperature		Value determin	nation
2.3. Bioaccumulat <u>dal Primer 100</u> og Kow Method		emark							
idal Primer 100 og Kow		e mark ot applicabl							
idal Primer 100 og Kow Method	N							•	
idal Primer 100 og Kow Method	Ni liamine						7		1
dal Primer 100 og Kow Method diethylmethylbenzened	Ni liamine	ot applicabl		Duration	n Speci	les		Value de	etermination
idal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org	liamine anisms	ot applicabl	e (mixture)		n Speci	ies		Value de QSAR	etermination
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter	liamine ganisms Method	ot applicabl	e (mixture) /alue		n Speci	lies			etermination
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF	liamine ganisms Method	ot applicabl	e (mixture) /alue	t Value	n Speci	Temperature			
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark	e (mixture) /alue .75; Fresh weigh	t Value 1.4	n Speci			QSAR	mination
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark	e (mixture) /alue .75; Fresh weigh	t Value 1.4	n Speci	Temperature		QSAR Value deter	mination
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark	e (mixture) /alue .75; Fresh weigh	t Value 1.4	n Speci	Temperature		QSAR Value deter	mination
dial Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107 1,6-hexanediyl-bis(2-(2-2))	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark	e (mixture) /alue .75; Fresh weigh	t Value 1.4	n Speci	Temperature		QSAR Value deter	mination al value
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107 1,6-hexanediyl-bis(2-(2- Log Kow	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark pentyl)-3-oxa	e (mixture) /alue 75; Fresh weigh azolidinyl)ethyl)ca	t Value 1.4 arbamate	n Speci	Temperature 25 °C		QSAR Value deter Experiment	mination al value
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107 1,6-hexanediyl-bis(2-(2- Log Kow	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark pentyl)-3-oxa Remark	e (mixture) /alue 75; Fresh weigh azolidinyl)ethyl)ca	t Value 1.4 arbamate	n Speci	Temperature 25 °C		QSAR Value deter Experiment	mination al value
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107 1,6-hexanediyl-bis(2-(2- Log Kow	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark pentyl)-3-oxa Remark	e (mixture) /alue 75; Fresh weigh azolidinyl)ethyl)ca	t Value 1.4 arbamate	n Speci	Temperature 25 °C Temperature		QSAR Value deter Experiment Value deter	mination al value
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107 1,6-hexanediyl-bis(2-(2- Log Kow Method	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark pentyl)-3-oxa Remark	e (mixture) /alue 75; Fresh weigh azolidinyl)ethyl)ca	t Value 1.4 arbamate	n Speci	Temperature 25 °C Temperature Publicatio		QSAR Value deter Experiment Value deter -12-14	mination al value
dal Primer 100 og Kow Method diethylmethylbenzened BCF other aquatic org Parameter BCF Log Kow Method OECD 107 1,6-hexanediyl-bis(2-(2- Log Kow Method	liamine ganisms Method BCFBAF v	ot applicabl /3.00 2 Remark pentyl)-3-oxa Remark	e (mixture) /alue 75; Fresh weigh azolidinyl)ethyl)ca	t Value 1.4 arbamate	n Speci	Temperature 25 °C Temperature Publicatio	n date: 2006	QSAR Value deter Experiment Value deter -12-14	mination al value

Doromotor	c organisms									1
Parameter	Metho		Value	D	uration	S	pecies			Value determination
BCF	EPIWIN 2.15)	BCF (v	10 - 2500							Calculated value
Log Kow	2.13)				-					
Method		Remar	ŕk	V	alue	-		Temperature		Value determination
	_		a available							
3-isocyanatomethy	/l-3,5,5-trime	ethylcyclol	hexyl isocyanate							
BCF other aquati	c organisms									
Parameter	Metho	d	Value	D	uration	S	pecies			Value determination
BCF	EPIWIN	BCF (v	910							QSAR
	2.15)									
Log Kow		- In		h,	_		_	.		
Method Other		Remar	К		alue .75			Temperature 25 °C		Value determination QSAR
B-isocyanatomethy	(-3 5 5-trim	ethylcyclol	hexvl isocvanate					25 C		QJAN
Log Kow	<u>1 3,3,3 tillik</u>		nexy isocyanate,	ongorner	13					
Method		Remar	ĸ	V	alue			Temperature		Value determination
KOWWIN					4.48		-	25 °C		QSAR
onclusion										
Contains bioaccum	ulative com	ponent(s)								
2.4. Mobility in	soil									
diethvlmethvlbenz										
(log) Koc										
Parameter					Method			Value		Value determination
log Koc	_					OCWIN v1.	.66	2.12 - 2	2.23	QSAR
3-isocyanatomethy	/l-3,5,5-trim	ethylcyclol	hexyl isocyanate				r	1		
(log) Koc										
Parameter					Method			Value		Value determination
Кос						VIN v1.66		36450		QSAR
log Koc					PCKOCV	VIN v1.66		4.562		QSAR
Volatility (Henry	's Law const			i			b			hr
Value 6.66 Pa.m³/mo		Method		25 °	nperature	_	R	emark	_	Value determination
Percent distribut				25	L					QSAR
Method	Fractio	n air	Fraction biota	Fractio	n	Fraction s	oil	Fraction water	Value de	etermination
INVELTION 1	ructio		i luction biotu			i luction 3				
wethou				sedime	ent					
Mackay level I	3.2113	%	0.0273 %	43.625		43.1462 %	<u>,</u>	9.7034 %	QSAR	
	3.2113	%	0.0273 %			43.1462 %	6	9.7034 %		
Mackay level I		-	1	43.625		43.1462 %	6	9.7034 %		
Mackay level I onclusion Contains compone	nt(s) with po	otential for	r mobility in the se	43.625		43.1462 %	,	9.7034 %		
Mackay level I	nt(s) with po	otential for	r mobility in the se	43.625		43.1462 %	6	9.7034 %		
Mackay level I onclusion Contains compone	nt(s) with po nt(s) that ad	otential for sorb(s) int	r mobility in the so to the soil	43.625		43.1462 %	5	9.7034 %		
Mackay level I onclusion Contains compone Contains compone	nt(s) with po nt(s) that ad PBT and v	otential for sorb(s) int /PvB ass	r mobility in the so to the soil essment	43.625	6%				QSAR	07/2006.
Mackay level 1 <u>Mackay level 1</u> <u>Contains compone</u> <u>Contains contain</u> <u>Contains co</u>	nt(s) with po nt(s) that ad PBT and v omponent(s	otential for sorb(s) int /PvB ass) that mee	r mobility in the so to the soil essment	43.625	6%				QSAR	07/2006.
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve	nt(s) with po nt(s) that ad PBT and v omponent(s	otential for sorb(s) int /PvB ass) that mee	r mobility in the so to the soil essment	43.625	6%				QSAR	07/2006.
Mackay level I Mackay level I Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec	otential for sorb(s) int /PvB ass) that mee ts	r mobility in the so to the soil te ssment et(s) the criteria of	43.625	6%				QSAR	07/2006.
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f	otential for sorb(s) int PVB ass) that mee ts Regulatior	r mobility in the so to the soil e essment et(s) the criteria of n (EU) No 517/201	43.6250 oil f PBT and	6 % d/or vPvB	as listed in <i>i</i>	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level I Mackay level I Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f	otential for sorb(s) int / PvB ass) that mee ts Regulatior is included	r mobility in the so to the soil e essment et(s) the criteria of n (EU) No 517/201	43.6250 oil f PBT and	6 % d/or vPvB	as listed in <i>i</i>	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level I Mackay level I Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known co	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP	otential for sorb(s) int /PvB ass) that mee ts Regulation is included)	r mobility in the so to the soil e csment et(s) the criteria of h (EU) No 517/20 d in the list of fluc	43.625 oil f PBT and 14) prinated	6 % d/or vPvB greenhous	as listed in <i>i</i> se gases (Re	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level I Mackay level I Contains compone Contains compone 2.5. Results of Coes not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known co cone-depleting poi ot classified as dan	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP gerous for th	otential for sorb(s) int /PvB ass) that mee ts Regulation is included)	r mobility in the so to the soil e csment et(s) the criteria of h (EU) No 517/20 ° d in the list of fluc	43.625 oil f PBT and 14) prinated	6 % d/or vPvB greenhous	as listed in <i>i</i> se gases (Re	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho cone of the known co cone-depleting pol	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP gerous for th	otential for sorb(s) int /PvB ass) that mee ts Regulation is included)	r mobility in the so to the soil e csment et(s) the criteria of h (EU) No 517/20 ° d in the list of fluc	43.625 oil f PBT and 14) prinated	6 % d/or vPvB greenhous	as listed in <i>i</i> se gases (Re	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known of cone-depleting pol ot classified as dan hydrocarbons, C9, s Ground water	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP gerous for th aromatics	otential for sorb(s) int /PvB ass) that mee ts Regulation is included)	r mobility in the so to the soil e csment et(s) the criteria of h (EU) No 517/20 ° d in the list of fluc	43.625 oil f PBT and 14) prinated	6 % d/or vPvB greenhous	as listed in <i>i</i> se gases (Re	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known of cone-depleting pol ot classified as dan hydrocarbons, C9, a Ground water pol	nt(s) with po nt(s) that ad PBT and v omponent(s Prse effec ouse gases (f components tential (ODP gerous for th aromatics Ilutant	otential for sorb(s) int /PvB ass) that mee ts Regulatior is includer) ne ozone la	r mobility in the so to the soil essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (43.625 oil f PBT and 14) prinated	6 % d/or vPvB greenhous	as listed in <i>i</i> se gases (Re	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known of cone-depleting pol ot classified as dan hydrocarbons, C9, s Ground water	nt(s) with po nt(s) that ad PBT and v omponent(s Prse effec ouse gases (f components tential (ODP gerous for th aromatics Ilutant	otential for sorb(s) int /PvB ass) that mee ts Regulatior is includer) ne ozone la	r mobility in the so to the soil essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (43.625 oil f PBT and 14) prinated	6 % d/or vPvB greenhous	as listed in <i>i</i> se gases (Re	Annex X	(III of Regulation	QSAR (EC) No 19	07/2006.
Mackay level 1 <u>mclusion</u> Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve <u>dal Primer 100</u> <u>uorinated greenho</u> <u>one of the known co</u> <u>cone-depleting pol</u> <u>ot classified as dan</u> <u>invdrocarbons, C9, :</u> <u>Ground water</u> <u>Ground water po</u> <u>TION 13: D</u> te information in th	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP gerous for th aromatics illutant isposal his section is	otential for sorb(s) int /PvB ass) that mee ts Regulatior is included) ne ozone la consi a general	r mobility in the so to the soil e essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (Cerations description. If ap	43.625 oil f PBT and f PBT and f PBT	6 % d/or vPvB greenhou: .005/2009	as listed in <i>i</i> se gases (Re)	Annex X egulatio	(III of Regulation n (EU) No 517/20	QSAR (EC) No 19	
Mackay level 1 <u>mclusion</u> Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve <u>dal Primer 100</u> <u>uorinated greenho</u> <u>one of the known of</u> <u>cone-depleting pol</u> <u>ot classified as dan</u> <u>invdrocarbons, C9, i</u> <u>Ground water</u> <u>Ground water po</u> TION 13: D	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP gerous for th aromatics illutant isposal his section is	otential for sorb(s) int /PvB ass) that mee ts Regulatior is included) ne ozone la consi a general	r mobility in the so to the soil e essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (Cerations description. If ap	43.625 oil f PBT and f PBT and f PBT	6 % d/or vPvB greenhou: .005/2009	as listed in <i>i</i> se gases (Re)	Annex X egulatio	(III of Regulation n (EU) No 517/20	QSAR (EC) No 19	
Mackay level 1 Mackay level 1 Contains compone Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known of cone-depleting pol ot classified as dan mydrocarbons, C9, i Ground water Ground water pol TION 13: D the information in the enarios that corres	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP gerous for th <u>aromatics</u> illutant isposal nis section is spond to you	otential for sorb(s) int /PvB ass) that mee ts Regulatior is included) ne ozone la consi a general ur identifie	r mobility in the so to the soil e essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (Cerations description. If ap	43.625 oil f PBT and f PBT and f PBT	6 % d/or vPvB greenhou: .005/2009	as listed in <i>i</i> se gases (Re)	Annex X egulatio	(III of Regulation n (EU) No 517/20	QSAR (EC) No 19	
Mackay level 1 <u>mclusion</u> Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve <u>dal Primer 100</u> <u>uorinated greenho</u> <u>one of the known co</u> <u>cone-depleting pol</u> <u>ot classified as dan</u> <u>invdrocarbons, C9, :</u> <u>Ground water</u> <u>Ground water po</u> <u>TION 13: D</u> te information in th	nt(s) with po nt(s) that ad PBT and v omponent(s erse effec ouse gases (f components tential (ODP gerous for th aromatics illutant ispond to you atment m	otential for sorb(s) int /PvB ass) that mee ts Regulatior is includer) ne ozone la consi a general ur identifie ethods	r mobility in the so to the soil e essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (Cerations description. If ap	43.625 oil f PBT and f PBT and f PBT	6 % d/or vPvB greenhou: .005/2009	as listed in <i>i</i> se gases (Re)	Annex X egulatio	(III of Regulation n (EU) No 517/20	QSAR (EC) No 19	. Always use the relevant exp
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Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known of cone-depleting pol ot classified as dan invdrocarbons, C9, i Ground water pol FION 13: D the information in the enarios that corress 3.1. Waste treat 13.1.1 Provisions	nt(s) with pont(s) that ad PBT and volume omponent(source effection components tential (ODP gerous for the aromatics illutant ispond to yource atment monthe relating to	otential for sorb(s) int /PvB ass) that mee ts Regulatior is includer) ne ozone la consi a general ur identifie ethods	r mobility in the so to the soil e essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (Cerations description. If ap	43.625 oil f PBT and f PBT and f PBT	6 % d/or vPvB greenhou: .005/2009	as listed in <i>i</i> se gases (Re)	Annex X egulatio	(III of Regulation n (EU) No 517/20	QSAR (EC) No 19	
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known of cone-depleting pol ot classified as dan invdrocarbons, C9, i Ground water pol FION 13: D the information in the enarios that corress 3.1. Waste treat 13.1.1 Provisions	nt(s) with pont(s) that ad PBT and volume omponent(source effection components tential (ODP gerous for the aromatics illutant ispond to yource atment monthe relating to	otential for sorb(s) int /PvB ass) that mee ts Regulatior is includer) ne ozone la consi a general ur identifie ethods	r mobility in the so to the soil e essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (Cerations description. If ap	43.625 oil f PBT and f PBT and f PBT	6 % d/or vPvB greenhou: .005/2009	as listed in <i>i</i> se gases (Re)	Annex X egulatio	(III of Regulation n (EU) No 517/20	QSAR (EC) No 19	
Mackay level 1 Mackay level 1 Contains compone Contains compone 2.5. Results of Does not contain co 2.6. Other adve dal Primer 100 uorinated greenho one of the known of cone-depleting pol ot classified as dan invdrocarbons, C9, i Ground water pol FION 13: D the information in the enarios that corress 3.1. Waste treat 13.1.1 Provisions	nt(s) with pont(s) that ad PBT and volume omponent(source effection components tential (ODP gerous for the aromatics illutant ispond to yource atment monthe relating to	otential for sorb(s) int /PvB ass) that mee ts Regulatior is includer) ne ozone la consi a general ur identifie ethods	r mobility in the so to the soil e essment et(s) the criteria of (EU) No 517/20 d in the list of fluc ayer (Regulation (Cerations description. If ap	43.625 oil f PBT and f PBT and f PBT	6 % d/or vPvB greenhou: .005/2009	as listed in <i>i</i> se gases (Re)	Annex X egulatio	(III of Regulation n (EU) No 517/20	QSAR (EC) No 19 014)	. Always use the relevant exp

Product number: 44711

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014.

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

08 01 11* (wastes from MFSU and removal of paint and varnish: waste paint and varnish containing organic solvents or other hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

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

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	1263
14.2. UN proper shipping name	
Proper shipping name	Paint related material
14.3. Transport hazard class(es)	
Hazard identification number	30
Class	3
Classification code	F1
14.4. Packing group	- 1 ⁻
Packing group	
Labels	3
14.5. Environmental hazards	
Environmentally hazardous substance mark	ves
14.6. Special precautions for user	VC3
Special provisions	163
Special provisions	367
Special provisions Special provisions	650
	Combination packagings: not more than 5 liters per inner packaging for
Limited quantities	liquids. A package shall not weigh more than 30 kg. (gross mass)
	inquitos. A package shall not weigh more than 50 kg. (gross mass)
Rail (RID)	
14.1. UN number	
UN number	1263
14.2. UN proper shipping name	
Proper shipping name	Paint related material
14.3. Transport hazard class(es)	
Hazard identification number	30
Class	3
Class Class	F1
	r1
14.4. Packing group	
Packing group	
Labels	3
14.5. Environmental hazards	
Environmentally hazardous substance mark	yes
14.6. Special precautions for user	
Special provisions	163
Special provisions	367
Special provisions	650
Limited quantities	Combination packagings: not more than 5 liters per inner packaging for
	liquids. A package shall not weigh more than 30 kg. (gross mass)
Inland waterways (ADN)	
14.1. UN number	
	1262
UN number	1263
14.2. UN proper shipping name	
Proper shipping name	Paint related material
14.3. Transport hazard class(es)	
Class	3
Classification code	F1
14.4. Packing group	
Packing group	
Labels	3
Reason for revision: 8.2	Publication date: 2006-12-14
	Date of revision: 2017-03-09
Devision auraham 0400	Dan da akar sa kara sa
Revision number: 0400	Product number: 44711 14 / 1

Environmentally hazardous substance mark	yes
14.6. Special precautions for user	
Special provisions	163
Special provisions	367
Special provisions	650
Limited quantities	Combination packagings: not more than 5 liters per inner packaging for liquids. A package shall not weigh more than 30 kg. (gross mass)
Sea (IMDG/IMSBC)	
14.1. UN number	
UN number	1263
14.2. UN proper shipping na <mark>me</mark>	
Proper shipping name	paint related material
14.3. Transport hazard class(es)	
Class	3
14.4. Packing group	
Packing group	
Labels	3
14.5. Environmental hazards	
Marine pollutant	P
Environmentally hazardo <mark>us substance mark</mark>	yes
14.6. Special precautions for user	
Special provisions	163
Special provisions	223
Special provisions	367
Special provisions	955
Limited quantities	Combination packagings: not more than 5 liters 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 Marpol and the IBC	
Annex II of MARPOL 73/ <mark>78</mark>	Not applicable, based on available data
Air (ICAO-TI/IATA-DGR) 14.1. UN number	
UN number	1263
14.2. UN proper shipping name	1203
Proper shipping name	Paint related material
14.3. Transport hazard class(es)	
Class	3
14.4. Packing group	
Packing group	111
Labels	3
14.5. Environmental hazards	
Environmentally hazardous substance mark	yes
14.6. Special precautions for user	р ->-
Special provisions	A3
Special provisions	A72
Special provisions	A192
limited quantities: maximum net quantity per packaging	10 L
Instea quantities maximum net quantity per packaging	

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

European legislation:

VO	C content Directive 201	0/75/EU				
	VOC content		Remar	k		
	< 61.904 %					
	< 625.2304 g/l					

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	diethylmethylbenzenediamine	Liquid substances or mixtures whic	h are	1. Shall not be used in:	
	hydrocarbons, C9, aromatics	regarded as dangerous in accordan	ce with	- ornamental articles intended to produce light or colour effects by means of diff	ferent
	3-isocyanatomethyl-3,5,5-	Directive 1999/45/EC or are fulfillin	ig the	phases, for example in ornamental lamps and ashtrays,	
t	rimethylcyclohexyl isocyanate	criteria for any of the following haz	ard classes	 tricks and jokes, 	
		or categories set out in Annex I to F (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and types A and B, 2.9, 2.10, 2.12, 2.13	d 2.7, 2.8	 games for one or more participants, or any article intended to be used as such, ornamental aspects, 2. Articles not complying with paragraph 1 shall not be placed market.3. Shall not be placed on the market if they contain a colouring agent, unle required for fiscal reasons, or perfume, or both, if they: 	d on the
Reas	son for revision: 8.2		<u> </u>	Publication date: 2006-12-14	
				Date of revision: 2017-03-09	
Revi	sion number: 0400			Product number: 44711	15/17

	Juuai Filifiei	100
	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.	sed as fuel in decorative oil lamps for supply to the general public, and, an aspiration hazard and are labelled with R65 or H304,4. Decorative oil lamps o the general public shall not be placed on the market unless they conform to an Standard on Decorative oil lamps (EN 14059) adopted by the European for Standardisation (CEN).5. Without prejudice to the implementation of other provisions relating to the classification, packaging and labelling of dangerous and mixtures, suppliers shall ensure, before the placing on the market, that the equirements are met: , labelled with R65 or H304, intended for supply to the general public are visibly, indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of nd, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of ay lead to life- threatening lung damage"; er fluids, labelled with R65 or H304, intended for supply to the general public are indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may threatening lung damage"; and grill lighters, labelled with R65 or H304, intended for supply to the general backaged in black opaque containers not exceeding 1 litre by 1 December 2010.6. an 1 June 2014, the Commission shall request the European Chemicals Agency to lossier, in accordance with Article 69 of the present Regulation with a view to opriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, is r supply to the general public.7. Natural or legal persons placing on the market time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 2011, and annually thereafter, provide data on alternatives to lamp oils and grill is labelled R65 or H304 to the competent authority in the Member State Member States shall make those data available to the Commission.'
• hydrocarbons, C9, aromatics	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 pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not. - whotop - silly strin - morts fo - decorati - artificial - stink boo the classific placing on 1 visibly, legil "For profes the aerosol aerosol disp	be used, as substance or as mixtures in aerosol dispensers where these aerosol are intended for supply to the general public for entertainment and decorative uch as the following: glitter intended mainly for decoration, snow and frost, snow and frost, gee" cushions, gg aerosols, n excrement, r parties, ve flakes and foams, cobwebs, nbs.2. Without prejudice to the application of other Community provisions on ation, packaging and labelling of substances, suppliers shall ensure before the the market that the packaging of aerosol dispensers referred to above is marked oly and indelibly with: sional users only".3. By way of derogation, paragraphs 1 and 2 shall not apply to dispensers referred to in paragraphs 1 and 2 shall not be placed on the market conform to the requirements indicated.
<u>National legislation Belgium</u> <u>Soudal Primer 100</u> No data available <u>3-isocyanatomethyl-3,5,:</u> Résorption peau	5-trimethylcyclohexyl isocyanate Diisocyanate d'isophorone; D; La mention "D" sign	ifie que la résorption de l'agent, via la peau, les muqueuses ou les on totale. Cette résorption peut se faire tant par contact direct que par
	présence de l'agent dans l'air.	on totale. Cette resorption peut se raire tant par contact unect que par
<u>National legislation The Net</u> Soudal Primer 100	herlands	
Waste identification (tl Netherlands)	e LWCA (the Netherlands): KGA category 03	
<u>National legislation France</u> <u>Soudal Primer 100</u> No data available <u>National legislation Germar</u> Soudal Primer 100	у	
WGK	2; Classification water polluting based on the comp Stoffe (VwVwS) of 27 July 2005 (Anhang 4)	onents in compliance with Verwaltungsvorschrift wassergefährdender
diethylmethylbenzenedia	amine	
TA-Luft	5.2.5; I	
<u>3-isocyanatomethyl-3,5,</u> TA-Luft	5-trimethylcyclohexyl isocyanate 5.2.5; 1	
Sensibilisierende Stoffe		nat: Sa: Atemwegssensibilisierende Stoffe
<u>National legislation United I</u> <u>Soudal Primer 100</u> No data available		iat, sa, Ateniwegssensibilisierende storie
Skin Sensitisation	Isocyanates, all (as -NCO) Except methyl isocyanate	
Respiratory sensitisation	n Isocyanates, all (as -NCO) Except methyl isocyanate	e; Sen
Reason for revision: 8.2		Publication date: 2006-12-14 Date of revision: 2017-03-09
Revision number: 0400		Product number: 44711 16/17
		10/1/

Soudal Primer 100				
Other relevant data				
Soudal Primer 100				
No data availabl	-			
	-			
.2. Chemical safe	ty assessment			
	y assessment has been conducted for the r	nixture.		
ION 16: Othe	er information			
Full text of any H-stat	ements referred to under headings 2 and	3:		
	liquid and vapour.			
H302 Harmful if				
	al if swallowed and enters airways.			
H312 Harmful in				
H315 Causes skir				
	an allergic skin reaction.			
H319 Causes seri H330 Fatal if inha	-			
H332 Harmful if i				
	allergy or asthma symptoms or breathing of	difficulties if inhal	ed.	
	respiratory irritation.			
	drowsiness or dizziness.			
	damage to organs through prolonged or re	epeated exposure		
H400 Very toxic t	o aquatic life.			
H410 Very toxic t	to aquatic life with long lasting effects.			
H411 Toxic to aq	uatic life with long lasting effects.			
(*)	INTERNAL CLASSIFICATION BY BIG			
CLP (EU-GHS)	Classification, labelling and packaging	<mark>; (G</mark> lobally Harmor	nised System in Europe)	
DMEL	Derived Minimal Effect Level			
DNEL	Derived No Effect Level			
EC50	Effect Concentration 50 %			
ErC50	EC50 in terms of reduction of growth	rate		
LC50	Lethal Concentration 50 %			
LD50	Lethal Dose 50 %			
NOAEL	No Observed Adverse Effect Level			
NOEC	No Observed Effect Concentration			
OECD	Organisation for Economic Co-operat	ion and Developm	hent	
PBT	Persistent, Bioaccumulative & Toxic			
PNEC	Predicted No Effect Concentration			
STP	Sludge Treatment Process			
vPvB	very Persistent & very Bioaccumulativ	ve		
M-factor				
diethylmethylben	zenediamine	1	Acute	BIG
Specific concentration				·
·	yl-3,5,5-trimethylcyclohexyl isocyanate	C ≥ 0,5 %	Resp. Sens. 1; H334	CLP Annex VI (ATF
3-isocyanatometh	yi-5,5,5-thinethyicyclonexyi isocyanate	C ≥ 0,5 %	Skin Sens.1; H317	CLP Annex VI (ATF

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