

CEMDURE

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

1.1 Product identifier:

Product name CEMDURE
 Registration number REACH : Not applicable (mixture)
 Product type REACH : Mixture (Inorganic)

1.2 Relevant identified uses of the substance or mixture and uses advised against:**1.2.1 Relevant identified uses**

Construction
 Professional use

1.2.2 Uses advised against

No uses advised against

1.3 Details of the supplier of the safety data sheet:**Supplier of the safety data sheet**

CEMART b.v.b.a.
 Maatheide 76 E
 B-3920 Lommel
 Tel: +32 11 52 51 10
 Fax: +32 11 52 51 09
 info@cemart.be

1.4 Emergency telephone number:

Poison Centre:
 +32 70 245 245

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:**2.1.1 Classification according to Regulation EC No 1272/2008**

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

Class	Category	Hazard statement code(s)
Eye Irrit.	category 2	H319: Causes serious eye irritation.

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

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

2.2 Label elements:

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

Hazard pictograms

Signal word Warning

H-statements

H319 Causes serious eye irritation.

P-statements

P280 Wear eye protection/face protection.
 P264 Wash hands thoroughly after handling.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3 Other hazards:

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SECTION 3: Composition/information on ingredients

3.1 Substances:

Not applicable

3.2 Mixtures:

Name (REACH Registration No)	CAS No EC No	Conc. (C)	Classification according to DSD/DPD	Classification according to CLP	Note	Remark
calcium sulfate	7778-18-9 231-900-3	C<10%			(2)	Constituent
limestone	1317-65-3 215-279-6	25% <C<30%			(2)	Constituent
cement, Portland, chemicals	65997-15-1 266-043-4	C<2.5%	Xi; R37/38 - 41 R43	STOT SE 3; H335 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317	(1)(2)	Constituent
cement, alumina, chemicals	65997-16-2 266-045-5	C<35%			(2)	Constituent
quartz (SiO ₂)	14808-60-7 238-878-4	C<60%			(2)	Constituent

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

(2) Substance with a Community workplace exposure limit

SECTION 4: First aid measures

4.1 Description of first aid measures:

General:

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

After inhalation:

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

After skin contact:

Wash immediately with lots of water. 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:

No effects known.

After skin contact:

No effects known.

After eye contact:

Irritation of the eye tissue.

After ingestion:

No effects known.

4.2.2 Delayed symptoms

No effects known.

4.3 Indication of any immediate medical attention and special treatment needed:

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

5.1.1 Suitable extinguishing media:

Adapt extinguishing media to the environment.

5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

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5.2 Special hazards arising from the substance or mixture:

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

5.3 Advice for firefighters:

5.3.1 Instructions:

Dilute toxic gases with water spray.

5.3.2 Special protective equipment for fire-fighters:

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Prevent dust cloud formation. No naked flames.

6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing. Dust cloud production: compressed air/oxygen apparatus.

Suitable protective clothing

See heading 8.2

6.2 Environmental precautions:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray.

6.3 Methods and material for containment and cleaning up:

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

6.4 Reference to other sections:

See heading 13.

SECTION 7: Handling and storage

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

7.1 Precautions for safe handling:

Avoid raising dust. Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed. Remove contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities:

7.2.1 Safe storage requirements:

Store in a dry area. Keep container in a well-ventilated place. Keep out of direct sunlight. Protect against frost. Meet the legal requirements.

7.2.2 Keep away from:

Heat sources, water/moisture.

7.2.3 Suitable packaging material:

No data available

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.

Regulatory exposure limit (The Netherlands)

Silicium(di)oxide kwarts (respirabel)	Time-weighted average exposure limit 8 h	0.075 mg/m ³	for respirable dust; for the construction industry a legal binding limit value is set of 0.15mg/m ³
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Indicative exposure limit (the Netherlands)

Calciumsulfaat, vezels per cm ³ , respirabele fracti	Time-weighted average exposure limit 8 h	0.5 mg/m ³	
Portland cement	Time-weighted average exposure limit 8 h	10 mg/m ³	
Stof (inhaleerbaar)	Time-weighted average exposure limit 8 h	10 mg/m ³	inhalable
Stof (respirabel)	Time-weighted average exposure limit 8 h	5 mg/m ³	respirable

Limit Value (Belgium)

Calcium (carbonate de)	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 10 mg/m ³	
Calcium (sulfate de) (anhydrate, hemihydrate, dihydrate, gypse)	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 10 mg/m ³	
Ciment portland	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 10 mg/m ³	
Silices cristallines : quartz (poussières alvéolaires)	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 0.1 mg/m ³	
Particules non classifiées autrement (fraction alvéolaire)	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 3 mg/m ³	
Particules non classifiées autrement (fraction inhalable)	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 10 mg/m ³	

TLV (USA)

Calcium sulfate	Time-weighted average exposure limit 8 h	10 mg/m ³ (E)	(E): The value is for particulate matter containing no asbestos and < 1% crystalline silica
Particulates (insoluble or poorly soluble) (NOS)	Time-weighted average exposure limit 8 h	3 mg/m ³ (R)	(R): Respirable fraction
Portland cement	Time-weighted average exposure limit 8 h	1 mg/m ³ (R,E)	R,E: Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica
Silica-Crystalline Quartz	Time-weighted average exposure limit 8 h	0.025 mg/m ³ (R)	(R): Respirable fraction
Particulates (insoluble or poorly soluble) (NOS)	Time-weighted average exposure limit 8 h	10 mg/m ³ (I)	(I): Inhalable fraction
Calcium sulfate	Time-weighted average exposure limit 8 h	10 mg/m ³ (E)	(E): The value is for particulate matter containing no asbestos and < 1% crystalline silica

TRGS 900 (Germany)

Calciumsulfat	Time-weighted average exposure limit 8 h	6 mg/m ³	
Portlandzement (Staub)	Time-weighted average exposure limit 8 h	5 mg/m ³	
Allgemeiner Staubgrenzwert: Alveolengängige Fraktion	Time-weighted average exposure limit 8 h	3 mg/m ³	

Limit Value (France)

Calcium (carbonate de)	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 10 mg/m ³	
Calcium (sulfate de)	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 10 mg/m ³	
Silices cristallines quartz, fraction alvéolaire	Short time value	- ppm - mg/m ³	

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Silices cristallines quartz, fraction alvéolaire	Time-weighted average exposure limit 8 h	- ppm 0.1 mg/m ³	
Poussières réputées sans effet spécifique	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 10 mg/m ³	
Poussières réputées sans effet spécifique, fraction	Short time value	- ppm - mg/m ³	
	Time-weighted average exposure limit 8 h	- ppm 5 mg/m ³	

Limit Value (UK)

Silica, respirable crystalline	Short time value	-	
	Time-weighted average exposure limit 8 h	- 0.1 mg/m ³	
Dust of any kind	Short time value	-	
	Time-weighted average exposure limit 8 h	- 4 R/10 I mg/m ³	
Calcium carbonate inhalable dust	Short time value	-	
	Time-weighted average exposure limit 8 h	- 10 mg/m ³	
Calcium carbonate respirable dust	Short time value	-	
	Time-weighted average exposure limit 8 h	- 4 mg/m ³	
Gypsum inhalable dust	Short time value	-	
	Time-weighted average exposure limit 8 h	- 10 mg/m ³	
Gypsum respirable dust	Short time value	-	
	Time-weighted average exposure limit 8 h	- 4 mg/m ³	
Portland cement inhalable dust	Short time value	-	
	Time-weighted average exposure limit 8 h	- 10 mg/m ³	
Portland cement respirable dust	Short time value	-	
	Time-weighted average exposure limit 8 h	- 4 mg/m ³	

8.1.2 Sampling methods

Product name	Test	Number
Sulfites, & Sulfates	NIOSH	6004
Portland Cement (Respirable and total dust)	OSHA	ID 142
Portland Cement (Total Dust)	OSHA	ID 207

calcium sulfate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Acute systemic effects inhalation	5082 mg/m ³	
	Long-term systemic effects inhalation	21.17 mg/m ³	

General population

calcium sulfate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Acute systemic effects inhalation	3811 mg/m ³	
	Acute -systemic effects oral	11.4 mg/kg bw/day	
	Long-term systemic effects inhalation	5.29 mg/m ³	
	Long-term systemic effects oral	1.52 mg/kg bw/day	

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.

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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	Solid Powder
Odour	No data available on odour
Odour threshold	No data available
Colour	Light grey
Particle size	No data available
Explosion limits	No data available
Flammability	Non combustible
Log Kow	Not applicable (inorganic)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Solubility	water ; 0.040 g/100 ml ; 25 °C
Relative density	1.3 - 1.6
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	10.5 - 11.5

9.2 Other information:

Absolute density	1300 - 1600 kg/m ³
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SECTION 10: Stability and reactivity

No data available.

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10.4 Conditions to avoid:

Avoid raising dust. Keep away from naked flames/heat.

10.5 Incompatible materials:

Water/moisture.

10.6 Hazardous decomposition products:

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

11.1.1 Test results

Acute toxicity

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No (test)data on the mixture available

calcium sulfate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination
Oral	LD50	OECD 420	>1584 mg/kg bw		Rat	Female	Experimental value
Inhalation (dust)	LC50	OECD 403	>2.61 mg/l air	4 h	Rat	Male/female	Experimental value

limestone

Route of exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination
Oral	LD50		6450 mg/kg		Rat		Literature study

cement, alumina, chemicals

Route of exposure	Parameter	Method	Value	Exposure time	Species	Gender	Value determination
Oral	LD50	OECD 423	>2000 mg/kg bw				Similar product

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

Low acute toxicity by the oral route

Low acute toxicity by the inhalation route

Low acute toxicity by the dermal route

Corrosion/irritation

CEMDURE

No (test)data on the mixture available

calcium sulfate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Not irritating	OECD 405		72 hours	Rabbit	Experimental value
Skin	Not irritating	OECD 404	4 h	72 hours	Rabbit	Experimental value

limestone

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Slightly irritating					Literature study
Skin	Not irritating					Literature study

cement, Portland, chemicals

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Serious eye damage					Literature study
Skin	Irritating					Literature study
Inhalation	Irritating					Literature study

cement, alumina, chemicals

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Not irritating	OECD 403				Similar product
Skin	Not irritating	OECD 404				Similar product

quartz (SiO₂)

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Slightly irritating					Literature study
Skin	Not irritating					Literature study

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

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Causes serious eye irritation.
Not classified as irritating to the skin

Respiratory or skin sensitisation

CEMDURE

No (test) data on the mixture available

calcium sulfate

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Gender	Value determination
Skin	Not sensitizing	OECD 406	6 h	24; 48 hours	Guinea pig	Male	Experimental value

cement, Portland, chemicals

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Gender	Value determination
Skin	Sensitizing						Literature study

cement, alumina, chemicals

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Gender	Value determination
Skin	Not sensitizing	OECD 406					Similar product
Inhalation	Not sensitizing						Literature study

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

Not classified as sensitizing for skin

Specific target organ toxicity

CEMDURE

No (test) data on the mixture available

calcium sulfate

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Gender	Value determination
Oral	NOAEL	OECD 422	79 mg/kg bw/day	Blood	No effect	35 day(s)	Rat	Male	Experimental value
Oral	LOAEL	OECD 422	237 mg/kg bw/day	Blood	Change in the haemogramme /blood composition	35 day(s)	Rat	Male	Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion

Low sub-chronic toxicity by the oral route

Mutagenicity (in vitro)

CEMDURE

No (test) data on the mixture available

calcium sulfate

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S.typhimurium)	No effect	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 471	Escherichia coli	No effect	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 476	Mouse (lymphoma L5178Y cells)	No effect	Experimental value

Mutagenicity (in vivo)

CEMDURE

No (test) data on the mixture available

calcium sulfate

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

Carcinogenicity

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CEMDURE

No (test)data on the mixture available

calcium sulfate

	Parameter	Method	Value	Exposure time	Species	Gender	Value determination	Organ	Effect
Oral	NOAEL	Other	256 mg/kg bw/day	104 weeks (daily)	Rat	Male	Experimental value		No effect
Oral	NOAEL	Other	284 mg/kg bw/day	104 weeks (daily)	Rat	Female	Experimental value		No effect

Reproductive toxicity

CEMDURE

No (test)data on the mixture available

calcium sulfate

	Parameter	Method	Value	Exposure time	Species	Gender	Effect	Organ	Value determination
Developmental toxicity	NOAEL	Equivalent to OECD 414	1600 mg/kg bw/day	10 day(s)	Mouse		No effect	General	Experimental value
	NOAEL	Equivalent to OECD 414	1600 mg/kg bw/day	10 day(s)	Rat		No effect	General	Experimental value
	NOAEL	Equivalent to OECD 414	1600 mg/kg bw/day	13 day(s)	Rabbit		No effect	General	Experimental value
Effects on fertility	NOAEL	OECD 422	790 mg/kg bw/day	2 week(s)	Rat	Male/female	No effect		Experimental value

Classification of the mixture is based on the relevant ingredients of the mixture

Conclusion CMR

Not classified for reprotoxic or developmental toxicity

Not classified for mutagenic or genotoxic toxicity

Not classified for carcinogenicity

Toxicity other effects

CEMDURE

No (test)data on the mixture available

Chronic effects from short and long-term exposure

CEMDURE

No effects known.

11.1.2 Other information

CEMDURE

No (test)data on the mixture available

cement, Portland, chemicals

TLV - Carcinogen	A4
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quartz (SiO₂)

TLV - Carcinogen	A2
MAK - Krebserzeugend Kategorie	1

SECTION 12: Ecological information

12.1 Toxicity:

CEMDURE

No (test)data on the mixture available

calcium sulfate

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50		2980 mg/l	96 h	Lepomis macrochirus			

cement, Portland, chemicals

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50		>1000 mg/l	96 h	Pisces			

Classification of the mixture is based on the relevant ingredients of the mixture

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Conclusion

pH shift

Insufficient data available on ecotoxicity

12.2 Persistence and degradability:

Biodegradability: not applicable

12.3 Bioaccumulative potential:

cement, Portland, chemicals

Log Kow

Method	Value	Temperature	Value determination
	Not applicable		

Conclusion

Bioaccumulation: not applicable

12.4 Mobility in soil:

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No (test)data on mobility of the components of the mixture available

12.5 Results of PBT and vPvB assessment:

The criteria of PBT and vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006 do not apply to inorganic substances.

12.6 Other adverse effects:

CEMDURE

Global warming potential (GWP)

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

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

Ground water

Ground water pollutant

calcium sulfate

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

limestone

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

cement, Portland, chemicals

Global warming potential (GWP)

Not included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

cement, alumina, chemicals

Global warming potential (GWP)

Not included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No. 1272/2008 and 1005/2009)

Ground water

Ground water pollutant

SECTION 13: Disposal considerations

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

13.1 Waste treatment methods:

13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, decision 2001/118/EC).

17 01 06* (mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances). Depending on branch of industry and production process, also other EURAL codes may be applicable. Hazardous waste according to Directive 2008/98/EC.

13.1.2 Disposal methods

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

13.1.3 Packaging/Container

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:

Transport	Not subject
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14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Rail (RID)

14.1 UN number:

Transport	Not subject
-----------	-------------

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Inland waterways (ADN)

14.1 UN number:

Transport	Not subject
-----------	-------------

14.2 UN proper shipping name:

14.3 Transport hazard class(es):

Class	
Classification code	

14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

Special provisions	
Limited quantities	

Sea (IMDG)

14.1 UN number:

Transport	Not subject
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14.2 UN proper shipping name:

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14.3 Transport hazard class(es):

Class	
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14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Marine pollutant	-
Environmentally hazardous substance mark	no

14.6 Special precautions for user:

Special provisions	
Limited quantities	

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

Annex II of MARPOL 73/78	
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14.1 UN number:

Transport	Not subject
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14.3 Transport hazard class(es):

Class	
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14.4 Packing group:

Packing group	
Labels	

14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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14.6 Special precautions for user:

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

SECTION 15: Regulatory information

European legislation:

15.2 Chemical safety assessment:

SECTION 16: Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in

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processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.