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

1.1. Product identifier

Trade name/designation : GranDeco Vinyl Wallcovering

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Article

1.2.2. Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

GranDeco Wallfashion Group Belgium nv
Wakkensesteenweg 49
8700 Tielt - BELGIUM
T +32 (0)51 42 47 11
info@grandecogroup.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+353 18 37 99 64/+353 1 809 21 66
UNITED KINGDOM	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours, healthcare professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

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

Not applicable.

2.3. Other hazards

Contains PBT/vPvB substances \geq 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Comments : Article

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Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Polyvinyl chloride	(CAS No.) 9002-86-2 (EC No) 420-490-3 (EC Index) -	< 55	Not classified
magnesium carbonate	(CAS No.) 546-93-0 (EC No) 208-915-9	< 35	Not classified
Calcium carbonate	(CAS No.) 471-34-1 (EC No) 207-439-9	< 35	Not classified
di-"isononyl" phthalate	(CAS No.) 28553-12-0 (EC No) 249-079-5	< 35	Not classified
oxy dipropyl dibenzoate	(CAS No.) 27138-31-4 (EC No) 248-258-5 (EC Index) -	< 5	Aquatic Chronic 3, H412
Benzoic acid, nonyl ester, branched and linear	(CAS No.) 670241-72-2 (EC No) 447-010-5	< 5	Aquatic Chronic 2, H411
Diazenedicarboxamide substance listed as REACH Candidate (Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)))	(CAS No.) 123-77-3 (EC No) 204-650-8 (EC Index) 611-028-00-3	0,1 - 0,3	Resp. Sens. 1, H334

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice	: First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person or a person with cramps. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance. Treat symptomatically.
Inhalation	: Provide fresh air. Keep at rest. In case of doubt or persistent symptoms, consult always a physician.
Skin contact	: Wash with water and soap. In case of doubt or persistent symptoms, consult always a physician.
Eye contact	: Rinse immediately carefully and thoroughly with eye-bath or water. In case of doubt or persistent symptoms, consult always a physician.
In case of ingestion	: Rinse mouth thoroughly with water. Do NOT induce vomiting. Get medical advice/attention.

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

Inhalation	: Inhalation of dust may cause irritation of the respiratory system.
Skin contact	: No adverse effects are expected.
Eye contact	: Dust contact with the eyes can lead to mechanical irritation.
Ingestion	: Ingestion unlikely.

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

No data available


SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: carbon dioxide (CO ₂), powder, alcohol-resistant foam, hazy water.
Unsuitable extinguishing media	: Strong water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards	: Not flammable.
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5.3. Advice for firefighters

- Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.
- Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- For non-emergency personnel : Evacuate unnecessary personnel. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Do not breathe dust. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

- For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Hygiene measures : Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a dry, cool and well-ventilated place.
- Packaging materials : Keep only in the original container.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Polyvinyl chloride (9002-86-2)		
Austria	MAK (mg/m ³)	5 mg/m ³ (alveolar dust, respirable fraction)
Austria	MAK Short time value (mg/m ³)	10 mg/m ³ (alveolar dust, respirable fraction)
Belgium	Limit value (mg/m ³)	1 mg/m ³ (respirable fraction)
Bulgaria	OEL TWA (mg/m ³)	6,0 mg/m ³ (dust)



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Polyvinyl chloride (9002-86-2)

Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	4 mg/m ³ (respirable dust) 10 mg/m ³ (total dust)
Czech Republic	Expoziční limity (PEL) (mg/m ³)	5,0 mg/m ³ (dust)
Finland	HTP-arvo (8h) (mg/m ³)	1 mg/m ³ (respirable)
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³ (total inhalable dust) 1 mg/m ³ (respirable dust)
Ireland	OEL (15 min ref) (mg/m ³)	30 mg/m ³ (calculated-total inhalable dust) 3 mg/m ³ (calculated-respirable dust)
Lithuania	IPRV (mg/m ³)	1 mg/m ³ (inhalable fraction, dust) 0,5 mg/m ³ (respirable fraction, dust)
Slovakia	NPHV (priemerná) (mg/m ³)	5 mg/m ³ (total aerosol)
Sweden	nivågränsvärde (NVG) (mg/m ³)	1 mg/m ³ (total dust) 0,5 mg/m ³ (respirable dust)
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust) 4 mg/m ³ (respirable dust)
United Kingdom	WEL STEL (mg/m ³)	30 mg/m ³ (calculated-inhalable dust) 12 mg/m ³ (calculated-respirable dust)
Switzerland	VME (mg/m ³)	3 mg/m ³ (respirable dust)
USA - ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³ (respirable fraction)

magnesium carbonate (546-93-0)

Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	4 mg/m ³ (respirable dust) 10 mg/m ³ (total dust)
France	VME (mg/m ³)	10 mg/m ³
Lithuania	IPRV (mg/m ³)	10 mg/m ³
Switzerland	VME (mg/m ³)	3 mg/m ³ (respirable dust)
Australia	TWA (mg/m ³)	10 mg/m ³ (containing no asbestos and <1% crystalline silica-inhalable dust)
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
USA - NIOSH	NIOSH REL (TWA) (mg/m ³)	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)

Calcium carbonate (471-34-1)

Bulgaria	OEL TWA (mg/m ³)	10,0 mg/m ³
France	VME (mg/m ³)	10 mg/m ³
Latvia	OEL TWA (mg/m ³)	6 mg/m ³
Poland	NDS (mg/m ³)	10 mg/m ³ (<2% free crystalline silica-inhalable fraction)
Portugal	OEL TWA (mg/m ³)	10 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica)
Switzerland	VME (mg/m ³)	3 mg/m ³ (respirable dust)
Australia	TWA (mg/m ³)	10 mg/m ³ (containing no asbestos and <1% crystalline silica-inhalable dust)
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³ (total dust)
USA - NIOSH	NIOSH REL (TWA) (mg/m ³)	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)

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Diazenedicarboxamide (123-77-3)		
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	1,0 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	3,0 mg/m ³
Finland	HTP-arvo (8h) (mg/m ³)	0,5 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	1 mg/m ³
Ireland	OEL (15 min ref) (mg/m ³)	3 mg/m ³
Slovakia	NPHV (priemerná) (mg/m ³)	1 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	1,0 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	3,0 mg/m ³
di-"isononyl" phthalate (28553-12-0)		
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	5 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	3 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	3 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	5 mg/m ³
Ireland	OEL (15 min ref) (mg/m ³)	15 mg/m ³ (calculated)
United Kingdom	WEL TWA (mg/m ³)	5 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	15 mg/m ³ (calculated)

Additional information : Personal air monitoring ∴ Room air monitoring


8.2. Exposure controls

Hand protection : Not required for normal conditions of use
 Eye protection : Not required for normal conditions of use
 Body protection : Not required for normal conditions of use
 Respiratory protection : Not required for normal conditions of use

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
 Appearance : Article. solid.
 Colour : No data available
 Odour : No data available
 Odour threshold : No data available
 pH : No data available
 Relative evaporation rate (butylacetate=1) : No data available
 Melting point/freezing point : No data available
 Freezing point : No data available
 Initial boiling point and boiling range : No data available
 Flash point : Not applicable
 Auto-ignition temperature : Not applicable
 Decomposition temperature : No data available
 Flammability (solid, gas) : No data available
 Vapour pressure : No data available
 Vapour density : No data available

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Relative density	: No data available
Solubility	: No data available.
Partition coefficient n-octanol/water	: No data available
Kinematic viscosity	: No data available
Dynamic viscosity	: No data available
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: Not applicable

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reference to other sections: 10.4 & 10.5.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Strong acids. Strong bases. Keep away from heat.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products


No data available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met.)

magnesium carbonate (546-93-0)	
LD50/oral/rat	< 25000 mg/kg
Calcium carbonate (471-34-1)	
LD50/oral/rat	6450 mg/kg
LD50/dermal/rat	> 2000 mg/kg (OECD 402)
LD50/dermal/rabbit	(OECD 404) Not applicable
LC50/inhalation/4h/rat	> 3 mg/l (OECD 403)
Diazenedicarboxamide (123-77-3)	
LD50/oral/rat	> 6400 mg/kg
LD50/dermal/rat	> 500 mg/kg
di-"isononyl" phthalate (28553-12-0)	
LD50/oral/rat	> 9750 mg/kg
LC50/inhalation/4h/rat	> 4,4 mg/l/4h
oxy dipropyl dibenzoate (27138-31-4)	
LD50/oral/rat	3914 mg/kg
LD50/dermal/rat	> 2000 mg/kg

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oxy dipropyl dibenzoate (27138-31-4)	
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LC50/inhalation/4h/rat	> 200 mg/l/4h
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: No data available
Serious eye damage/eye irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: No data available
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met.)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met.)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met.)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met.)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met.)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met.)

oxy dipropyl dibenzoate (27138-31-4)	
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NOAEL (oral, rat, 90 days)	>= 1000 ml/kg
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met.)
Other information	: Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4.

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".

Calcium carbonate (471-34-1)	
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LC50 fish 1	> 200 mg/l (Poecilla latipina)
EC50 Daphnia 1	> 1000 ml/l (LC50 for Daphnia magna)
IC50, algae	>14 mg/l (72 hours, EC50 for Desmodesmus subspicatus)

Diazenedicarboxamide (123-77-3)	
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EC50 Daphnia 1	11 mg/l (Exposure time: 48 h - Species: Daphnia magna)
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di-"isononyl" phthalate (28553-12-0)	
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LC50 fish 1	> 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
EC50 Daphnia 1	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	> 0,14 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 2	> 0,06 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

oxy dipropyl dibenzoate (27138-31-4)	
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LC50 fish 1	3,7 mg/l (96h)(Pimephales promelas)
EC50 Daphnia 1	19,3 mg/l (48h)(Daphnia magna)
EC50 other aquatic organisms 1	15 mg/l (72h)(Pseudokirchnerella subcapitata)

12.2. Persistence and degradability

GranDeco Vinyl Wallcovering	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

GranDeco Vinyl Wallcovering	
Partition coefficient n-octanol/water	No data available
Bioaccumulative potential	No data available.

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Calcium carbonate (471-34-1)	
BCF fish 1	(no bioaccumulation)
Diazenedicarboxamide (123-77-3)	
BCF fish 1	(no bioaccumulation expected)
Partition coefficient n-octanol/water	-1,7 (at 21 °C)
di-"isononyl" phthalate (28553-12-0)	
BCF fish 1	183,8

12.4. Mobility in soil

GranDeco Vinyl Wallcovering	
Mobility in soil	No data available

12.5. Results of PBT and vPvB assessment

ingredient	
Diazenedicarboxamide (123-77-3)	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. Safe handling: see section 7. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

List of proposed waste codes/waste designations in accordance with EWC (2001/573/EC, 75/442/EEC, 91/689/EEC) : Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

Proper Shipping Name : Not applicable
 Proper Shipping Name (IMDG) : Not applicable
 Proper Shipping Name (IATA) : Not applicable
 Proper Shipping Name (ADN) : Not applicable
 Proper Shipping Name (RID) : Not applicable


14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

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IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Carriage prohibited (ADN) : No
Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

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

Code: IBC : No data available.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: 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	Diazenedicarboxamide
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3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	oxy dipropyl dibenzoate - Benzoic acid, nonyl ester, branched and linear
52. The following phthalates (or other CAS- and EC numbers covering the substance):	di-"isononyl" phthalate
52.a. Phthalates: Di-"isononyl" phthalate (DINP)	di-"isononyl" phthalate

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (EC 204-650-8, CAS 123-77-3)

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference : Water hazard class (WGK) nwg, Non-hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Abbreviations and acronyms:

ABM = Algemene beoordelingsmethodiek
ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
BTT = Breakthrough time (maximum wearing time)
DMEL = Derived Minimal Effect level
DNEL = Derived No Effect Level
EC50 = Median Effective Concentration
EL50 = Median effective level

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	ErC50 = EC50 in terms of reduction of growth rate
	ErL50 = EL50 in terms of reduction of growth rate
	EWC = European waste catalogue
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	LL50 = Median lethal level
	NA = Not applicable
	NOEC = No observed effect concentration
	NOEL: no-observed-effect level
	NOELR = No observed effect loading rate
	NOAEC = No observed adverse effect concentration
	NOAEL = No observed adverse effect level
	N.O.S. = Not Otherwise Specified
	OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)
	PNEC = Predicted No Effect Concentration
	Quantitative structure-activity relationship (QSAR)
	STOT = Specific Target Organ Toxicity
	TWA = time weighted average
	VOC = Volatile organic compounds
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet : ECHA (European Chemicals Agency). Info supplier.

Other information : Assessment/classification CLP. Article 9. Calculation method.

Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment - chronic hazard category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - chronic hazard category 3
Resp. Sens. 1	Sensitisation - Respirat., Hazard Category 1
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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