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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revised on / Version: 23.07.2015 / 0008  
Replaces revision of / Version: 25.07.2014 / 0007  
Valid from: 23.07.2015  
PDF print date: 23.07.2015  
LUX ELEMENTS®-ELEMENT

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

#### 1.1 Product identifier

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

**Relevant identified uses of the substance or mixture:**

Rigid foam carrier material

**Uses advised against:**

No information available at present.

#### 1.3 Details of the supplier of the safety data sheet

GB

LUX ELEMENTS GmbH & Co. KG, An der Schusterinsel 7, 51379 Leverkusen, Germany  
Phone: +49 (0)2171/72 12-0, Fax: +49 (0)2171/72 12-40  
info@luxelements.de, www.luxelements.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

#### 1.4 Emergency telephone number

**Emergency information services / official advisory body:**

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**Telephone number of the company in case of emergencies:**

+49 (0) 700 / 24 112 112 (LEC)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) 1272/2008 (CLP)**

This is an article.

#### 2.2 Label elements

**Labeling according to Regulation (EC) 1272/2008 (CLP)**

Not applicable

This is an article.

#### 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

### SECTION 3: Composition/information on ingredients

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### 3.1 Substance

n.a.

### 3.2 Mixture

--	
<b>Registration number (REACH)</b>	--
<b>Index</b>	-
<b>EINECS, ELINCS, NLP</b>	-
<b>CAS</b>	-
<b>content %</b>	
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	---

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

On dust formation:

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

#### Skin contact

Not required.

#### Eye contact

On dust formation:

rinse with Previn(r) rinsing solution for at least 3 minutes, rinse with at least one litre respectively (OH<sup>-</sup> ions are bound and inactivated - adsorption).

#### Ingestion

Typically no exposure pathway.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

On dust formation:

Irritation of the eyes

Irritation of the respiratory tract

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

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

n.c.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water jet spray/foam/CO<sub>2</sub>/dry extinguisher

#### Unsuitable extinguishing media

None

### 5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Soot

Oxides of carbon

Toxic pyrolysis products.

### 5.3 Advice for firefighters

Protective respirator with independent air supply.

Dispose of contaminated extinction water according to official regulations.

## SECTION 6: Accidental release measures

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## 6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

## 6.2 Environmental precautions

Normally not necessary.

## 6.3 Methods and material for containment and cleaning up

Pick up mechanically and dispose of according to Section 13.

## 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

## SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### 7.1 Precautions for safe handling

#### 7.1.1 General recommendations

No special measures required.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

#### 7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

### 7.2 Conditions for safe storage, including any incompatibilities

No special measures required.

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Do not store with solvents.

Store at room temperature.

Store in a dry place.

### 7.3 Specific end use(s)

No information available at present.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Materials are integrated into the product and should not lead to any exposure under normal handling conditions.

Chemical Name	general dust limit	Content %:
WEL-TWA: 10 mg/m <sup>3</sup> (inhal. dust), 4 mg/m <sup>3</sup> (respir. dust)	WEL-STEL: ---	---
Monitoring procedures:	---	
BMGV: ---	Other information: ---	

Chemical Name	Quartz	Content %:
WEL-TWA: 0,1 mg/m <sup>3</sup> (silica, respirable, crystalline)	WEL-STEL: ---	---
Monitoring procedures:	MDHS 101 (Crystalline silica in respirable airborne dust – Direct on-filter analysis by infrared spectroscopy and X-ray diffraction) - 2005 - EU project - BC/CEN/ENTR/000/2002-16 card 52-1 (2004) INSHT MTA/MA-036 (Determination of Quartz in Air – Membrane Filter Method/ Xray Diffraction) - 2000, 2004 - NIOSH 7500 (Crystalline Silica, by XRD (filter redeposition)) - 2003 - EU project - BC/CEN/ENTR/000/2002-16 card 52-6 (2004) - NIOSH 7602 (Crystalline Silica, by IR (KBr pellet)) - 2003 - NIOSH 7603 (Quartz in coal mine dust, by IR (redeposition)) - 2003 - OSHA ID-142 (Quartz and Cristobalite in Workplace Atmospheres) - 1996	

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BMGV: ---	Other information: ---
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GB Chemical Name	Portland cement	Content %:
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WEL-TWA: 10 mg/m3 (total inh. dust), 4 mg/m3 (res. dust)	WEL-STEL: ---	---
--	---------------	-----

Monitoring procedures: ---
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BMGV: ---	Other information: ---
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GB Chemical Name	Cement, alumina, chemicals	Content %:
------------------	----------------------------	------------

WEL-TWA: 10 mg/m3 (total inh. dust), 4 mg/m3 (res. dust) (portland cement)	WEL-STEL: ---	---
--	---------------	-----

Monitoring procedures: ---
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BMGV: ---	Other information: ---
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GB Chemical Name	Calcium carbonate	Content %:
------------------	-------------------	------------

WEL-TWA: 4 mg/m3 (respirable dust), 10 mg/m3 (total inhalable dust)	WEL-STEL: ---	---
---	---------------	-----

Monitoring procedures: ---
----------------------------

BMGV: ---	Other information: ---
-----------	------------------------

GB Chemical Name	Calcium sulphate	Content %:
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WEL-TWA: 10 mg/m3 (Gypsum/Plaster of Paris, total inhalable dust), 4 mg/m3 (Gypsum/Plaster of Paris, res. dust)	WEL-STEL: ---	---
---	---------------	-----

Monitoring procedures: ---
----------------------------

BMGV: ---	Other information: ---
-----------	------------------------

GB WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.  
\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

Calcium sulphate						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	5082	mg/m3	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	21,17	mg/m3	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	3811	mg/m3	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	5,29	mg/m3	
Consumer	Human - oral	Short term, systemic effects	DNEL	11,4	mg/kg bw/day	
Consumer	Human - oral	Long term, systemic effects	DNEL	1,52	mg/kg bw/day	
	Environment - sewage treatment plant		PNEC	100	mg/l	

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.  
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.  
Applies only if maximum permissible exposure values are listed here.

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### 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.  
 Wash hands before breaks and at end of work.  
 Keep away from food, drink and animal feedingstuffs.  
 Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:  
 Normally not necessary.  
 On dust formation:  
 If applicable  
 Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:  
 Normally not necessary.  
 During processing:  
 If applicable  
 Leather gloves

Skin protection - Other:  
 Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection:  
 Normally not necessary.  
 If the general dust-limit is exceeded, breathing masks with fine-dust filters are necessary (EN 143), code colour white.

Thermal hazards:  
 If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.  
 In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.  
 Selection of materials derived from glove manufacturer's indications.  
 Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.  
 Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.  
 In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.  
 The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.2.3 Environmental exposure controls

No information available at present.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Grey
Colour:	White
Colour:	Blue
Odour:	Odourless
Odour threshold:	Not determined
pH-value:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	n.a.
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	Not determined

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Vapour density (air = 1):	Not determined
Density:	32,4 kg/m <sup>3</sup>
Bulk density:	Not determined
Solubility(ies):	Not determined
Water solubility:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined

## 9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

See also Subsection 10.2 to 10.6.  
 The product has not been tested.

### 10.2 Chemical stability

See also Subsection 10.1 to 10.6.  
 Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

See also Subsection 10.1 to 10.6.  
 No decomposition if used as intended.

### 10.4 Conditions to avoid

### 10.5 Incompatible materials

Solvent

### 10.6 Hazardous decomposition products

See also Subsection 10.1 to 10.5.  
 See also section 5.2  
 No decomposition when used as directed.

## SECTION 11: Toxicological information

Possibly more information on health effects, see Section 2.1 (classification).

This is an article.

LUX ELEMENTS®-ELEMENT						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.

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Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.

<b>Quartz</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						Not relevant for classification.
Acute toxicity, by dermal route:						Not relevant for classification.
Acute toxicity, by inhalation:						Not relevant for classification.
Skin corrosion/irritation:						Not relevant for classification.
Serious eye damage/irritation:						Not relevant for classification.
Respiratory or skin sensitisation:						Not sensitizing
Germ cell mutagenicity:						No indications of such an effect.
Carcinogenicity:						No indications of such an effect.
Reproductive toxicity:						No indications of such an effect.
Specific target organ toxicity - repeated exposure (STOT-RE):						Not relevant for classification.
Aspiration hazard:						Not relevant for classification.
Symptoms:						respiratory distress, coughing, mucous membrane irritation

<b>Portland cement</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Symptoms:						mucous membrane irritation

<b>Calcium carbonate</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat		
Acute toxicity, by inhalation:						Mechanical irritation possible.
Serious eye damage/irritation:						Mechanical irritation possible.
Other information:						References

<b>Calcium sulphate</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>10000	mg/kg			

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Acute toxicity, by oral route:	LD50	>1581	mg/kg		OECD 420 (Acute Oral toxicity - Fixe Dose Procedure)	
Acute toxicity, by oral route:	LD50	>1581	mg/kg	Rat	OECD 420 (Acute Oral toxicity - Fixe Dose Procedure)	
Acute toxicity, by inhalation:	LC50	>2,61	mg/l	Rat	OECD 403 (Acute Inhalation Toxicity)	Maximum achievable concentration.
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	No (skin contact)
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Reproductive toxicity:	NOAEL	790	mg/kg bw/d	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developmental Tox. Screening Test)	
Symptoms:						coughing, constipation

## SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

LUX ELEMENTS®-ELEMENT							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							Not biodegradable
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

Quartz							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Persistence and degradability:							Not relevant for inorganic substances.
Bioaccumulative potential:							Not to be expected
Mobility in soil:							Low

Calcium carbonate							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	>1000 0	mg/l	Oncorhynchus mykiss		



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Toxicity to daphnia:	EC50	48h	>1000	mg/l	Daphnia magna		
Toxicity to algae:	EC50	72h	>200	mg/l	Desmodesmus subspicatus		
Water solubility:			0,014	g/l			

Calcium sulphate							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	>79	mg/l	Lepomis macrochirus	OECD 203 (Fish, Acute Toxicity Test)	
Toxicity to fish:	LC50	96h	2980	mg/l	Lepomis macrochirus		
Toxicity to daphnia:	EC50	48h	>79	mg/l	Daphnia magna STRAUS	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to algae:	EC50	72h	>79	mg/l	Selenastrum capricornutum	OECD 201 (Alga, Growth Inhibition Test)	
Toxicity to bacteria:	EC50	3h	>790	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

#### For contaminated packing material

Pay attention to local and national official regulations.

Recommendation:

Recycling

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

## SECTION 14: Transport information

### General statements

UN number:

n.a.

### Transport by road/by rail (ADR/RID)

UN proper shipping name:

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Transport hazard class(es):	n.a.
Packing group:	n.a.
Classification code:	n.a.
LQ (ADR 2015):	n.a.
Environmental hazards:	Not applicable
Tunnel restriction code:	

### Transport by sea (IMDG-code)

UN proper shipping name:	
Transport hazard class(es):	n.a.
Packing group:	n.a.
Marine Pollutant:	n.a.
Environmental hazards:	Not applicable

### Transport by air (IATA)

UN proper shipping name:	
Transport hazard class(es):	n.a.
Packing group:	n.a.
Environmental hazards:	Not applicable

### Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

### Transport in bulk according to Annex II of MARPOL and the IBC Code

Non-dangerous material according to Transport Regulations.

## SECTION 15: Regulatory information

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

For classification and labelling see Section 2.

Observe restrictions:

General hygiene measures for the handling of chemicals are applicable.

No

VOC (CH) 0%

Directive 2010/75/EU (VOC):

### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## SECTION 16: Other information

Revised sections: 1 - 16

### Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

## Any abbreviations and acronyms used in this document:

AC Article Categories

acc., acc. to according, according to

ACGIH American Conference of Governmental Industrial Hygienists

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOEL Acceptable Operator Exposure Level

AOX Adsorbable organic halogen compounds

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approx. approximately  
 Art., Art. no. Article number  
 ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)  
 BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)  
 BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)  
 BCF Bioconcentration factor  
 BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)  
 BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)  
 BMGV Biological monitoring guidance value (EH40, UK)  
 BOD Biochemical oxygen demand  
 BSEF Bromine Science and Environmental Forum  
 bw body weight  
 CAS Chemical Abstracts Service  
 CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids  
 CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques  
 CIPAC Collaborative International Pesticides Analytical Council  
 CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)  
 CMR carcinogenic, mutagenic, reproductive toxic  
 COD Chemical oxygen demand  
 CTFA Cosmetic, Toiletry, and Fragrance Association  
 DMEL Derived Minimum Effect Level  
 DNEL Derived No Effect Level  
 DOC Dissolved organic carbon  
 DT50 Dwell Time - 50% reduction of start concentration  
 DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)  
 dw dry weight  
 e.g. for example (abbreviation of Latin 'exempli gratia'), for instance  
 EC European Community  
 ECHA European Chemicals Agency  
 EEA European Economic Area  
 EEC European Economic Community  
 EINECS European Inventory of Existing Commercial Chemical Substances  
 ELINCS European List of Notified Chemical Substances  
 EN European Norms  
 EPA United States Environmental Protection Agency (United States of America)  
 ERC Environmental Release Categories  
 ES Exposure scenario  
 etc. et cetera  
 EU European Union  
 EWC European Waste Catalogue  
 Fax. Fax number  
 gen. general  
 GHS Globally Harmonized System of Classification and Labelling of Chemicals  
 GWP Global warming potential  
 HET-CAM Hen's Egg Test - Chorionallantoic Membrane  
 HGWP Halocarbon Global Warming Potential  
 IARC International Agency for Research on Cancer  
 IATA International Air Transport Association  
 IBC Intermediate Bulk Container  
 IBC (Code) International Bulk Chemical (Code)  
 IC Inhibitory concentration  
 IMDG-code International Maritime Code for Dangerous Goods  
 incl. including, inclusive  
 IUCLID International Uniform Chemical Information Database  
 LC lethal concentration  
 LC50 lethal concentration 50 percent kill  
 LCLo lowest published lethal concentration  
 LD Lethal Dose of a chemical  
 LD50 Lethal Dose, 50% kill

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LDLo Lethal Dose Low  
 LOAEL Lowest Observed Adverse Effect Level  
 LOEC Lowest Observed Effect Concentration  
 LOEL Lowest Observed Effect Level  
 LQ Limited Quantities  
 MARPOL International Convention for the Prevention of Marine Pollution from Ships  
 n.a. not applicable  
 n.av. not available  
 n.c. not checked  
 n.d.a. no data available  
 NIOSH National Institute of Occupational Safety and Health (United States of America)  
 NOAEC No Observed Adverse Effective Concentration  
 NOAEL No Observed Adverse Effect Level  
 NOEC No Observed Effect Concentration  
 NOEL No Observed Effect Level  
 ODP Ozone Depletion Potential  
 OECD Organisation for Economic Co-operation and Development  
 org. organic  
 PAH polycyclic aromatic hydrocarbon  
 PBT persistent, bioaccumulative and toxic  
 PC Chemical product category  
 PE Polyethylene  
 PNEC Predicted No Effect Concentration  
 POCP Photochemical ozone creation potential  
 ppm parts per million  
 PROC Process category  
 PTFE Polytetrafluorethylene  
 REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)  
 REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.  
 RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)  
 SADT Self-Accelerating Decomposition Temperature  
 SAR Structure Activity Relationship  
 SU Sector of use  
 SVHC Substances of Very High Concern  
 Tel. Telephone  
 ThOD Theoretical oxygen demand  
 TOC Total organic carbon  
 TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)  
 UN RTDG United Nations Recommendations on the Transport of Dangerous Goods  
 VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))  
 VOC Volatile organic compounds  
 vPvB very persistent and very bioaccumulative  
 WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).  
 WHO World Health Organization  
 wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.  
 No responsibility.

These statements were made by:

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