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 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 14.05.2018 / 0010  
 Replacing version dated / version: 17.12.2015 / 0009  
 Valid from: 14.05.2018  
 PDF print date: 14.05.2018  
 SCHAEFER PRECARB@PCCPrecipitated Calcium Carbonate

**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**

**SCHAEFER PRECARB@PCCPrecipitated Calcium Carbonate**  
 Calcium carbonate  
 Registration number (ECHA): 01-2119486795-18-XXXX  
 Index: ---  
 EINECS, ELINCS, NLP: 207-439-9  
 CAS: 471-34-1

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

Sector of use [SU]:

- SU 1 - Agriculture, forestry, fishery
- SU 2a - Mining, (without offshore industries)
- SU 2b - Offshore industries
- SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites
- SU 5 - Manufacture of textiles, leather, fur
- SU 6a - Manufacture of wood and wood products
- SU 6b - Manufacture of pulp, paper and paper products
- SU 7 - Printing and reproduction of recorded media
- SU 8 - Manufacture of bulk, large scale chemicals (including petroleum products)
- SU 9 - Manufacture of fine chemicals
- SU10 - Formulation (mixing) of preparations and/or re-packaging (excluding alloys)
- SU11 - Manufacture of rubber products
- SU12 - Manufacture of plastics products, including compounding and conversion
- SU13 - Manufacture of other non-metallic mineral products, e.g. plasters, cement
- SU14 - Manufacture of basic metals, including alloys
- SU15 - Manufacture of fabricated metal products, except machinery and equipment
- SU16 - Manufacture of computer, electronic and optical products, electrical equipment
- SU17 - General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment.
- SU18 - Manufacture of furniture
- SU19 - Building and construction work
- SU20 - Health services
- SU23 - Electricity, steam, gas water supply and sewage treatment
- SU24 - Scientific research and development

Chemical product category [PC]:

- PC 1 - Adhesives, sealants
- PC 2 - Adsorbents
- PC 3 - Air care products
- PC 4 - Anti-Freeze and de-icing products
- PC 7 - Base metals and alloys
- PC 8 - Biocidal products
- PC 9a - Coatings and paints, thinners, paint removers
- PC 9b - Fillers, putties, plasters, modelling clay
- PC11 - Explosives
- PC12 - Fertilizers
- PC14 - Metal surface treatment products
- PC15 - Non-metal-surface treatment products
- PC16 - Heat transfer fluids
- PC17 - Hydraulic fluids
- PC18 - Ink and toners
- PC19 - Removed from PC list and relocated in the technical function list
- PC20 - Processing aids such as pH-regulators, flocculants, precipitants, neutralization agents
- PC21 - Laboratory chemicals
- PC23 - Leather treatment products
- PC24 - Lubricants, greases, release products
- PC25 - Metal working fluids
- PC26 - Paper and board treatment products
- PC27 - Plant protection products
- PC30 - Photo-chemicals
- PC31 - Polishes and wax blends
- PC32 - Polymer preparations and compounds
- PC33 - Semiconductors
- PC34 - Textile dyes, and impregnating products
- PC35 - Washing and cleaning products
- PC36 - Water softeners
- PC37 - Water treatment chemicals
- PC38 - Welding and soldering products, flux products
- PC40 - Extraction agents

Process category [PROC]:

- PROC 1 - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
- PROC 2 - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
- PROC 3 - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
- PROC 4 - Chemical production where opportunity for exposure arises
- PROC 5 - Mixing or blending in batch processes
- PROC 6 - Calendering operations
- PROC 7 - Industrial spraying

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PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities  
 PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities  
 PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing)  
 PROC10 - Roller application or brushing  
 PROC11 - Non industrial spraying  
 PROC12 - Use of blowing agents in manufacture of foam  
 PROC13 - Treatment of articles by dipping and pouring  
 PROC14 - Tableting, compression, extrusion, pelletisation, granulation  
 PROC15 - Use a laboratory reagent.  
 PROC17 - Lubrication at high energy conditions in metal working operation  
 PROC18 - General greasing/lubrication at high kinetic energy conditions  
 PROC19 - Manual activities involving hand contact  
 PROC20 - Use of functional fluids in small devices  
 PROC21 - Low energy manipulation and handling of substances bound in/on materials or articles  
 PROC22 - Manufacturing and processing of minerals and/or metals at substantially elevated temperature  
 PROC23 - Open processing and transfer operations at substantially elevated temperature  
 PROC24 - High (mechanical) energy work-up of substances bound in /on materials and/or articles  
 PROC25 - Other hot work operations with metals  
 PROC26 - Handling of solid inorganic substances at ambient temperature  
 PROC27a - Production of metal powders (hot processes)  
 PROC27b - Production of metal powders (wet processes)

Article Categories [AC]:

AC 1 - Vehicles  
 AC 2 - Machinery, mechanical appliances, electrical/electronic articles  
 AC 3 - Electrical batteries and accumulators  
 AC 4 - Stone, plaster, cement, glass and ceramic articles  
 AC 5 - Fabrics, textiles and apparel  
 AC 6 - Leather articles  
 AC 7 - Metal articles  
 AC 8 - Paper articles  
 AC10 - Rubber articles  
 AC11 - Wood articles  
 AC13 - Plastic articles  
 AC31 - Scented clothes  
 AC32 - Scented eraser  
 AC34 - Scented Toys  
 AC35 - Scented paper articles  
 AC36 - Scented CD  
 AC38 - Packaging material for metal parts, releasing grease/corrosion inhibitors

Environmental Release Category [ERC]:

ERC 1 - Manufacture of the substance  
 ERC 2 - Formulation into mixture  
 ERC 3 - Formulation into solid matrix  
 ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article)  
 ERC 5 - Use at industrial site leading to inclusion into/onto article  
 ERC 6a - Use of intermediate  
 ERC 6b - Use of reactive processing aid at industrial site (no inclusion into or onto article)  
 ERC 6d - Use of reactive process regulators in polymerisation processes at industrial site (inclusion or not into/onto article)  
 ERC 7 - Use of functional fluid at industrial site  
 ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)  
 ERC 8b - Widespread use of reactive processing aid (no inclusion into or onto article, indoor)  
 ERC 8c - Widespread use leading to inclusion into/onto article (indoor)  
 ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)  
 ERC 8e - Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)  
 ERC 8f - Widespread use leading to inclusion into/onto article (outdoor)  
 ERC 9a - Widespread use of functional fluid (indoor)  
 ERC 9b - Widespread use of functional fluid (outdoor)  
 ERC10a - Widespread use of articles with low release (outdoor)  
 ERC10b - Widespread use of articles with high or intended release (outdoor)  
 ERC11a - Widespread use of articles with low release (indoor)  
 ERC11b - Widespread use of articles with high or intended release (indoor)  
 ERC12a - Processing of articles at industrial sites with low release  
 ERC12b - Processing of articles at industrial sites with high release

**Uses advised against:**

No information available at present.

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

CE

SCHAEFER KALK GmbH & Co. KG, Louise-Seher-Strasse 6, 65582 Diez, Germany  
 Phone:+49-6432-503-0, Fax:+49-6432-503-269  
 info@schaeferkalk.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 (SKC)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

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

(GB)  
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Not applicable

**2.2 Label elements**

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

Not applicable

**2.3 Other hazards**

No vPvB substance

No PBT substance

**SECTION 3: Composition/information on ingredients**

**3.1 Substance**

<b>Calcium carbonate</b>	
<b>Registration number (REACH)</b>	01-2119486795-18-XXXX
<b>Index</b>	---
<b>EINECS, ELINCS, NLP</b>	207-439-9
<b>CAS</b>	471-34-1
<b>content %</b>	---
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	---

**3.2 Mixture**

n.a.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

**Inhalation**

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

**Skin contact**

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

**Eye contact**

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Ingestion**

Rinse the mouth thoroughly with water.

Give copious water to drink. Consult doctor if necessary.

**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.

None known

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

n.a.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Not combustible.

Adapt to the nature and extent of fire.

**Unsuitable extinguishing media**

None

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

In case of fire the following can develop:

CaCO<sub>3</sub> decomposes in CaO, CO<sub>2</sub> and H<sub>2</sub>O.

**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**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid build up of dust.

Do not breathe dust.

Avoid inhalation, and contact with eyes or skin.

**6.2 Environmental precautions**

Keep the material dry if possible.

Cover area if possible to avoid unnecessary dust hazard.

**6.3 Methods and material for containment and cleaning up**

Keep the material dry if possible.

Pick up mechanically and dispose of according to Section 13.

Fill the absorbed material into lockable containers.

Flush residue using copious water.

Avoid contact with strong acids.

**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**

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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**

Avoid build up of dust.  
 Do not breathe dust.  
 Ensure good ventilation.  
 Avoid contact with eyes or skin.

**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**

Store product closed and only in original packing.  
 Not to be stored in gangways or stair wells.  
 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**

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: ---	

Chemical Name	general dust limit	Content %:
WEL-TWA: 10 mg/m3 (inhal. dust), 4 mg/m3 (respir. dust)	WEL-STEL: ---	---
Monitoring procedures:	---	
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).  
 (8) = Inhalable fraction (2017/164/EU). (9) = Respirable fraction (2017/164/EU). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).  
 (8) = Inhalable fraction (2017/164/EU). (9) = Respirable fraction (2017/164/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | 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.

**8.2 Exposure controls**

Calcium carbonate						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - sewage treatment plant		PNEC	100	mg/l	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	10	mg/m3	
Consumer	Human - inhalation	Long term, local effects	DNEL	1,06	mg/m3	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	10	mg/m3	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	4,26	mg/m3	

**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.  
 Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.  
 These are specified by e.g. BS EN 14042.  
 BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

**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:  
 Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:  
 Protective PVC gloves (EN 374)  
 Protective Neoprene® / polychloroprene gloves (EN 374).  
 Protective latex rubber gloves (EN 374).  
 Minimum layer thickness in mm:  
 0,11  
 Permeation time (penetration time) in minutes:  
 > 480  
 Preventative skin protection advisable.  
 The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

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The recommended maximum wearing time is 50% of breakthrough time.

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

Respiratory protection:  
 If OES or MEL is exceeded.  
 Filter P1 (EN 143), code colour white  
 Filter P3 (EN 143), code colour white  
 Observe wearing time limitations for respiratory protection equipment.

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

**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, powder
Colour:	White
Odour:	Odourless
Odour threshold:	Not determined
pH-value:	Not determined
Melting point/freezing point:	>450 °C (Decomposition )
Initial boiling point and boiling range:	n.a.
Flash point:	n.a.
Evaporation rate:	Not determined
Flammability (solid, gas):	No (Regulation (EC) 440/2008 A.10. (FLAMMABILITY (SOLIDS)))
Lower explosive limit:	n.a.
Upper explosive limit:	n.a.
Vapour pressure:	Product is not volatile.
Vapour density (air = 1):	Not determined
Density:	2,7-2,95 (relative density )
Bulk density:	Not determined kg/m3
Solubility(ies):	Not determined
Water solubility:	0,0166 g/l (20°C, OECD 105 (Water Solubility))
Partition coefficient (n-octanol/water):	n.a.
Auto-ignition temperature:	n.a. (Regulation (EC) 440/2008 A.16. (RELATIVE SELF-IGNITION TEMPERATURE FOR SOLIDS))
Decomposition temperature:	Not determined
Viscosity:	n.a.
Explosive properties:	Product is not explosive.
Oxidising properties:	No
<b>9.2 Other information</b>	
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**  
The product has not been tested.
- 10.2 Chemical stability**  
Stable with proper storage and handling.
- 10.3 Possibility of hazardous reactions**  
Product reacts with acids and forms CO2
- 10.4 Conditions to avoid**  
Strong heat  
Moisture
- 10.5 Incompatible materials**  
Acids
- 10.6 Hazardous decomposition products**  
Product reacts with acids and forms CO2

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**  
 Possibly more information on health effects, see Section 2.1 (classification).

**Calcium carbonate**

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat	OECD 420 (Acute Oral toxicity - Fixe Dose Procedure)	
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rat	OECD 402 (Acute Dermal Toxicity)	

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Acute toxicity, by inhalation:	LC50	>3	mg/l/4h	Rat	OECD 403 (Acute Inhalation Toxicity)	
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:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	Not sensitizing
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Germ cell mutagenicity:					OECD 473 (In Vitro Mammalian Chromosome Aberration Test)	Negative
Germ cell mutagenicity:					OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)	Negative
Carcinogenicity:						No indications of such an effect.
Reproductive toxicity:	NOEL	1000	mg/kg bw/d	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test)	
Specific target organ toxicity - single exposure (STOT-SE):						No indications of such an effect.
Specific target organ toxicity - repeated exposure (STOT-RE):						No indications of such an effect.
Aspiration hazard:						No
Symptoms:						No indications of such an effect.
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAEL	1000	mg/kg bw/d	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test)	
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	NOAEC	0,212	mg/l	Rat	OECD 413 (Subchronic Inhalation Toxicity - 90-Day Study)	

#### SECTION 12: Ecological information

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

Calcium carbonate							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC50	96h			Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	No observation with saturated solution of test material.
12.1. Toxicity to daphnia:	EC50	48h			Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	No observation with saturated solution of test material.
12.1. Toxicity to algae:	EC50	72h	>14	mg/l	Desmodesmus subspicatus	OECD 201 (Alga, Growth Inhibition Test)	
12.1. Toxicity to algae:	NOEC/NOEL	72h	14	mg/l	Desmodesmus subspicatus	OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:							Not relevant for inorganic substances.
12.3. Bioaccumulative potential:							Not to be expected
12.4. Mobility in soil:							n.a.
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
12.6. Other adverse effects:							n.d.a.
Toxicity to bacteria:	EC50	3h	>1000	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	
Toxicity to bacteria:	NOEC/NOEL	3h	1000	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	
Other organisms:	EC50	21d	>1000	mg/kg dw		OECD 208 (Terrestrial Plants, Growth Test)	Glycine max
Other organisms:	EC50	21d	>1000	mg/kg dw		OECD 208 (Terrestrial Plants, Growth Test)	Lycopersicon esculentum
Other organisms:	EC50	21d	>1000	mg/kg dw		OECD 208 (Terrestrial Plants, Growth Test)	Avena sativa
Other organisms:	NOEC/NOEL	21d	1000	mg/kg dw		OECD 208 (Terrestrial Plants, Growth Test)	Glycine max

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Other organisms:	NOEC/NOEL	21d	1000	mg/kg dw		OECD 208 (Terrestrial Plants, Growth Test)	Lycopersicon esculentum
Other organisms:	NOEC/NOEL	21d	1000	mg/kg dw		OECD 208 (Terrestrial Plants, Growth Test)	Avena sativa
Other organisms:	EC50	14d	>1000	mg/kg dw	Eisenia foetida	OECD 207 (Earthworm, Acute Toxicity Tests)	
Other organisms:	NOEC/NOEL	14d	1000	mg/kg dw	Eisenia foetida	OECD 207 (Earthworm, Acute Toxicity Tests)	
Other organisms:	EC50	28d	>1000	mg/kg dw		OECD 216 (Soil Microorganisms - Nitrogen Transformation Test)	
Other organisms:	NOEC/NOEL	28d	1000	mg/kg dw		OECD 216 (Soil Microorganisms - Nitrogen Transformation Test)	
Water solubility:			0,0166	g/l		OECD 105 (Water Solubility)	20°C

### 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)

06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

Can, if applicable, be disposed in domestic waste.

##### For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

### SECTION 14: Transport information

#### General statements

14.1. UN number: n.a.

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

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

Classification code: n.a.

LQ: n.a.

14.5. Environmental hazards: Not applicable

Tunnel restriction code:

##### Transport by sea (IMDG-code)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

Marine Pollutant: n.a.

14.5. Environmental hazards: Not applicable

##### Transport by air (IATA)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: Not applicable

##### 14.6. Special precautions for user

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

##### 14.7. 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

Observe restrictions:

General hygiene measures for the handling of chemicals are applicable.

#### 15.2 Chemical safety assessment

No chemical safety assessment was carried out.

### SECTION 16: Other information

Revised sections:

1

Registration/listing status:



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 SCHAEFER PRECARB@PCC Precipitated Calcium Carbonate

EU:	
ECOCIN CAS:	471-34-1
EINECS:	207-439-9
USA:	
TSCA CAS:	471-34-1 -- GRAS (Generally Recognized As Safe-FDA)
DOT, FDA, FIFRA, OSHA, STATE	
AUSTRALIA:	
ACOIN CAS:	471-34-1
CANADA:	
DSL CAS:	471-34-1
NEW ZEALAND:	
NZIoC	
PHILIPPINES:	
PICCS	
JAPAN:	
ENCS No.:	1-122
KOREA:	
ECL Serial No.:	KE-04487
CHINA:	
IECSC	
SWITZERLAND:	
Swiss No.:	G-7458
MEXICO:	
<b>INSQ</b>	
MALAYSIA:	
EHS	

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
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)
BaA	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



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 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
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 SCHAEFER PRECARB@PCC Precipitated Calcium Carbonate

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  
 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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