

GB

Page 1 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 15.12.2015 / 0003
 Replacing version dated / version: 28.04.2015 / 0002
 Valid from: 15.12.2015
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 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

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:

Paper industry

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 4 - Manufacture of food products
- 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 (e.g. Disinfectants, pest control)
- PC 9a - Coatings and paints, thinners, paint removers
- PC 9b - Fillers, putties, plasters, modelling clay
- PC 9c - Finger paints
- PC11 - Explosives
- PC12 - Fertilizers
- PC14 - Metal surface treatment products, including galvanic and electroplating products
- PC15 - Non-metal-surface treatment products
- PC16 - Heat transfer fluids
- PC17 - Hydraulic fluids
- PC18 - Ink and toners
- PC19 - Intermediate
- PC20 - Products such as ph-regulators, flocculants, precipitants, neutralization agents
- PC21 - Laboratory chemicals
- PC23 - Leather tanning, dye, finishing, impregnation and care products
- PC24 - Lubricants, greases, release products
- PC25 - Metal working fluids
- PC26 - Paper and board dye, finishing and impregnation products: including bleaches and other processing aids
- PC27 - Plant protection products
- PC28 - Perfumes, fragrances
- PC29 - Pharmaceuticals
- PC30 - Photo-chemicals
- PC31 - Polishes and wax blends
- PC32 - Polymer preparations and compounds
- PC33 - Semiconductors
- PC34 - Textiles dyes, finishing and impregnating products, including bleaches and other processing aids
- PC35 - Washing and cleaning products (including solvent based products)
- PC36 - Water softeners
- PC37 - Water treatment chemicals
- PC38 - Welding and soldering products (with flux coatings or flux cores.), flux products
- PC39 - Cosmetics, personal care products
- PC40 - Extraction agents

Process category [PROC]:

- PROC 1 - Use in closed process, no likelihood of exposure.
- PROC 2 - Use in closed, continuous process with occasional controlled exposure
- PROC 3 - Use in closed batch process (synthesis or formulation)
- PROC 4 - Use in batch and other process (synthesis) where opportunity for exposure arises
- PROC 5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)
- PROC 6 - Calendaring operations

(GB)

Page 2 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 15.12.2015 / 0003
 Replacing version dated / version: 28.04.2015 / 0002
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 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

PROC 7 - Industrial spraying
 PROC 8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities
 PROC 8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities
 PROC 9 - Transfer of substance or preparation 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 - Production of preparations or articles by tableting, compression, extrusion, pelletisation
 PROC15 - Use a laboratory reagent.
 PROC16 - Using material as fuel sources, limited exposure to unburned product to be expected
 PROC17 - Lubrication at high energy conditions and in partly open process
 PROC18 - Greasing at high energy conditions
 PROC19 - Hand-mixing with intimate contact and only PPE available
 PROC20 - Heat and pressure transfer fluids in dispersive, professional use but closed systems
 PROC21 - Low energy manipulation of substances bound in materials and/or articles
 PROC22 - Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting.
 PROC23 - Open processing and transfer operations with minerals/metals at elevated temperature
 PROC24 - High (mechanical) energy work-up of substances bound in 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
 AC33 - Entry has been removed after the REACH CA meeting in March 2008.
 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 substances
 ERC 2 - Formulation of preparations
 ERC 3 - Formulation in materials
 ERC 4 - Industrial use of processing aids in processes and products, not becoming part of articles
 ERC 5 - Industrial use resulting in inclusion into or onto a matrix
 ERC 6a - Industrial use resulting in manufacture of another substance (use of intermediates)
 ERC 6d - Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers
 ERC 7 - Industrial use of substances in closed systems
 ERC 8a - Wide dispersive indoor use of processing aids in open systems
 ERC 8b - Wide dispersive indoor use of reactive substances in open systems
 ERC 8c - Wide dispersive indoor use resulting in inclusion into or onto a matrix
 ERC 8d - Wide dispersive outdoor use of processing aids in open systems
 ERC 8e - Wide dispersive outdoor use of reactive substances in open systems
 ERC 8f - Wide dispersive outdoor use resulting in inclusion into or onto a matrix
 ERC 9a - Wide dispersive indoor use of substances in closed systems
 ERC 9b - Wide dispersive outdoor use of substances in closed systems
 ERC10a - Wide dispersive outdoor use of long-life articles and materials with low release
 ERC10b - Wide dispersive outdoor use of long-life articles and materials with high or intended release (including abrasive processing)
 ERC11a - Wide dispersive indoor use of long-life articles and materials with low release
 ERC11b - Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)
 ERC12a - Industrial processing of articles with abrasive techniques (low release)
 ERC12b - Industrial processing of articles with abrasive techniques (high release)

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

(GB)
 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:

Telephone number of the company in case of emergencies:

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

(GB)
 Page 3 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 15.12.2015 / 0003
 Replacing version dated / version: 28.04.2015 / 0002
 Valid from: 15.12.2015
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 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2 Label elements

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

EUH208-Contains Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1). May produce an allergic reaction.

EUH210-Safety data sheet available on request.

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

Suspension of precipitate calcium carbonate in water
 Solids concentration: 15 - 70%
 Anionic dispersal, preserved

3.1 Substance

n.a.

3.2 Mixture

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Typically no exposure pathway.

Skin contact

Wash in water.

Eye contact

Wash thoroughly for several minutes using copious water.

In case of symptoms:

Consult medical specialist.

Ingestion

Typically no exposure pathway.

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.

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.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

n.c.

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

CaCO₃ decomposes in CaO, CO₂ and H₂O.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

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 contact with eyes.

6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

6.3 Methods and material for containment and cleaning up

(GB) Page 4 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 15.12.2015 / 0003
 Replacing version dated / version: 28.04.2015 / 0002
 Valid from: 15.12.2015
 PDF print date: 28.01.2016
 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13.
 Flush residue using copious water.

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

Avoid contact with eyes.

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

Do not store with acids.

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| (GB) Chemical Name | Calcium carbonate | Content %: |
|---|------------------------|------------|
| WEL-TWA: 4 mg/m ³ (respirable dust), 10 mg/m ³ (total inhalable 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 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/m ³ | |
| Consumer | Human - inhalation | Long term, local effects | DNEL | 1,06 | mg/m ³ | |
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 10 | mg/m ³ | |
| Workers / employees | Human - inhalation | Long term, local effects | DNEL | 4,26 | mg/m ³ | |

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.

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 nitrile gloves (EN 374)

Minimum layer thickness in mm:

0,11*

Permeation time (penetration time) in minutes:

> 480*

* Calcium carbonate

The breakthrough times determined in accordance with EN 374 Part 3 were not obtained under practical conditions.

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

Skin protection - Other:

Normal protective working garments

Respiratory protection:

(GB)
 Page 5 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 15.12.2015 / 0003
 Replacing version dated / version: 28.04.2015 / 0002
 Valid from: 15.12.2015
 PDF print date: 28.01.2016
 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

Normally not necessary.

Thermal hazards:
 Not applicable

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: | Liquid, Suspension |
| Colour: | White |
| 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: | Not determined |
| Evaporation rate: | Not determined |
| Flammability (solid, gas): | Not determined |
| Lower explosive limit: | Not determined |
| Upper explosive limit: | Not determined |
| Vapour pressure: | Product is not volatile. |
| Vapour density (air = 1): | Not determined |
| Density: | 1107-1635 g/l |
| Bulk density: | Not determined |
| Solubility(ies): | Not determined |
| Water solubility: | Not determined |
| Partition coefficient (n-octanol/water): | Not determined |
| Auto-ignition temperature: | Not determined |
| Decomposition temperature: | 900 °C (CaCO ₃ decomposes in CaO, CO ₂ and H ₂ O.) |
| Viscosity: | Not determined |
| Explosive properties: | Not determined |
| Oxidising properties: | No |
| 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

The product has not been tested.

10.2 Chemical stability

Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Protect from humidity.

10.5 Incompatible materials

Product reacts with acids and forms CO₂

10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

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| 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. |
| Specific target organ toxicity - single exposure (STOT-SE): | | | | | | n.d.a. |

(GB)
 Page 6 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 15.12.2015 / 0003
 Replacing version dated / version: 28.04.2015 / 0002
 Valid from: 15.12.2015
 PDF print date: 28.01.2016
 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

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

| 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) | |
| 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 sensitising |
| Germ cell mutagenicity: | | | | | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Germ cell mutagenicity: | | | | | OECD 476 (In Vitro Mammalian Cell Gene Mutation Test) | Negative |
| Germ cell mutagenicity: | | | | | OECD 473 (In Vitro Mammalian Chromosome Aberration 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).

| SCHAEFER PRECARB® PCC - SLURRY PRESERVED | | | | | | |
|--|----------|------|-------|------|----------|-------------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method |
| Toxicity to fish: | | | | | | n.d.a. |
| Toxicity to daphnia: | | | | | | n.d.a. |
| Toxicity to algae: | | | | | | n.d.a. |
| Persistence and degradability: | | | | | | n.d.a. |
| 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. |

| Calcium carbonate | | | | | | |
|--------------------------------|-----------|------|-------|------|-------------------------|--|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method |
| Toxicity to fish: | LC50 | 96h | | | Oncorhynchus mykiss | OECD 203 (Fish, Acute Toxicity Test) |
| Toxicity to daphnia: | EC50 | 48h | | | Daphnia magna | OECD 202 (Daphnia sp. Acute Immobilisation Test) |
| Toxicity to algae: | EC50 | 72h | >14 | mg/l | Desmodesmus subspicatus | OECD 201 (Alga, Growth Inhibition Test) |
| Toxicity to algae: | NOEC/NOEL | 72h | 14 | mg/l | Desmodesmus subspicatus | OECD 201 (Alga, Growth Inhibition Test) |
| Persistence and degradability: | | | | | | Not relevant for inorganic substances. |
| Bioaccumulative potential: | | | | | | Not to be expected |
| Mobility in soil: | | | | | | n.a. |

Page 7 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision date / version: 15.12.2015 / 0003
 Replacing version dated / version: 28.04.2015 / 0002
 Valid from: 15.12.2015
 PDF print date: 28.01.2016
 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

| Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |
|------------------------------------|-----------|-----|--------|----------|------------------|--|-------------------------------------|
| 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 | 14d | >1000 | mg/kg dw | Eisenia foetida | OECD 207 (Earthworm, Acute Toxicity Tests) | |
| Other organisms: | EC50 | 21d | >1000 | mg/kg dw | | OECD 208 (Terrestrial Plants, Growth Test) | Avena sativa |
| 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 | 28d | >1000 | mg/kg dw | | OECD 216 (Soil Microorganisms - Nitrogen Transformation Test) | |
| Other organisms: | NOEC/NOEL | 14d | 1000 | mg/kg dw | Eisenia foetida | OECD 207 (Earthworm, Acute Toxicity Tests) | |
| Other organisms: | NOEC/NOEL | 21d | 1000 | mg/kg dw | | OECD 208 (Terrestrial Plants, Growth Test) | Glycine max |
| Other organisms: | NOEC/NOEL | 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 |
| Other organisms: | NOEC/NOEL | 21d | 1000 | mg/kg dw | | OECD 208 (Terrestrial Plants, Growth Test) | Lycopersicon esculentum |
| 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.

Uncontaminated packaging can be recycled.

SECTION 14: Transport information

General statements

UN number:

n.a.

Transport by road/by rail (ADR/RID)

UN proper shipping name:

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)

(GB)

Page 8 of 9
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
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 Replacing version dated / version: 28.04.2015 / 0002
 Valid from: 15.12.2015
 PDF print date: 28.01.2016
 SCHAEFER PRECARB® PCC - SLURRY PRESERVED

| | |
|-----------------------------|----------------|
| 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

National rules/regulation for the compliance with maximum quantities with regard to phosphates and or phosphorous compounds must be observed and complied with.

For classification and labelling see Section 2.

Observe restrictions:

General hygiene measures for the handling of chemicals are applicable.

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 |
| 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 |

(GB)

Page 9 of 9
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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
 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 Polytetrafluoroethylene
 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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