Material Safety Data Sheet  
according to Regulation (EC) No. 2001/58/EG  

Calcium carbonicum praec.  

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

- Informations to product No. 2116  
- Product name:  
  Calcium carbonicum praec.  
  Calciumcarbonat  

- Responsible/issuing person:  
  ARGE ApoChem  
  Herderstraße 31  
  D-40721 Hilden  
  
- Supplier of the Product / responsible Company:  
  Caesar & Loretz GmbH  
  Herderstr. 31  
  40721 Hilden  
  Tel.: 02103/4994-40  
  Fax: 02103/4994-58  

- Emergency telephone:  
  Giftinformationszentrum Mainz  
  Langenbeckstr. 1, 55131 Mainz  
  Tel.: 06131/19240  

2 Composition / information on ingredients  

- Chemical characterization:  
  CAS-No. Substance name  
  471-34-1 Calcium carbonate  
- Identification number(s)  
- EINECS-No.: 207-439-9  

3 Hazards identification  

- Hazard classification: The substance is not classified as dangerous according to European Union legislation.  

4 First aid measures  

- General advices: No special measures required.  
- after skin contact: not relevant  
- after eye contact: Rinse out with plenty of water with the eyelid wide open. Product causes merely mechanical irritation.  

5 Fire-fighting measures  

- Suitable extinguishing media: All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.  
- Specific hazards during fire fighting: Not combustible  
- Special protective equipment for fire-fighters: No special measures required.
6 Accidental release measures

- Environmental protective measures: No special measures required.
- Methods for cleaning: Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.
- General information: No hazardous substances are released.

7 Handling and storage

- Handling: No special requirements.
- Advice on safe handling: No special measures required.
- Informations to fire or explosion protection: No special measures required.
- Storage:
- Requirements for storage areas and containers: Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ).
- Advices on common storage: Not required.

8 Exposure controls / personal protective equipment

- Personal protective equipment:
- General protective and hygiene measures: The usual precaution measures during handling of chemicals are to observe.
- Respiratory protection: Not required.
- Hand protection: Not required.
- Eye protection: Safety glasses

9 Physical and chemical properties

- Form: Pulver
- Colour: white
- Odour: Odourless
- Melting point / melting range: 825 °C (decomposition)
- Flammability (solid, vapours): The product is not flammable.
- Density: at 20 °C 2,7 g/cm³
- Bulk density: at 20 °C 200-300 kg/m³
- Solubility in / Miscibility with
- Water at 20 °C 0,016 g/l
- pH-range: (saturated solution) at 20 °C neutral

10 Stability and reactivity

- Thermical decomposition / conditions to avoid:
Decomposition by strong heating.
· **Hazardous reactions:** No hazardous reactions known.
· **Hazardous decomposition products:** Carbon dioxide

### 11 Toxicological information

· **Acute toxicity:** none toxische Eigenschaften.
· **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

### 12 Ecological information

· **Information about elimination (persistence and degradability):**
· **Additional information:** no ecotoxicological properties. Big quantities in surface waters causes: Absorption of Carbon dioxide, slight rise of pH-range.
· **General advices:** Generally not hazardous for water

### 13 Disposal considerations

· **Product:**
· **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
· **Empty contaminated packaging:**
· **Recommendation:** Disposal according to local regulations.

### 14 Transport informations

· **Land transport according to ADR:**
Not classified as dangerous in the meaning of transport regulations.

### 15 Regulatory information

· **Labelling according to EC-regulations:**
The product does not need to be labelled according to EC directives or respective national laws.
· **National regulations (Germany):**
· **Water hazard class (german regulation):** Generally not hazardous for water.

### 16 Other Information
The information provided in this MSDS is correct to the best of our knowledge at the date of edition.