

Safety Data Sheet (EC) No. 1907/2006

1. Product- and Company Identification

<u>Trade name:</u>	DC Arti, art. No. 711071 DC Baster, art. No. 711052 DC Hart gelb & blau, art. No. 711046 & 711047 DC KfO-Hart, art. No. 711061 DC Sockel, art. No. 711081 DC Superhart, art. No. 711040 & 711041
<u>Manufacturer:</u>	DC Dental Central Großhandelsges. mbH Carl-Zeiss-Str.2 D-22946 Trittau, Germany
<u>Further information obtainable from:</u>	Tel.: +49 (0)4154/8437 0 Fax: +49 (0)4154/8437 33
<u>Information in case of emergency:</u>	Same as above.

2. Composition/information on ingredients

Chemical properties (component substances):			
<u>Description:</u> Calcium sulphate hemihydrate $\text{CaSO}_4 \times \text{H}_2\text{O}$ (x = ½)			
<u>Dangerous contents:</u> None			
<u>Description:</u>	<u>CAS No.:</u>	<u>MAK-value(maximum admissible concentrations at work) (TRGS 900 / Germany)</u>	<u>Content %</u>
CaSO ₄	7778-18-9	6 mg/m ³ (limit concentration in the air)	>85%
<u>Additional guidelines:</u> Calcium sulphate has not to be labelled according EU-directives and the regulation on hazardous substances (Gefahrstoffverordnung, Germany)			

3. Hazards identification

<u>Description of danger:</u> not applicable
<u>Special guidelines concerning dangers to humans and the environment:</u> none

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4. First aid measures

<u>General advice:</u>	No particular measures required.
<u>After eye contact:</u>	Wash out with plenty of water and consult doctor.
<u>After swallowing:</u>	Drink plenty of water and consult doctor.

5. Fire-fighting measures

<u>Suitable extinguishing agents:</u>	All suitable extinguish agents, product itself is not combustible.
<u>Unsuitable extinguishing agents:</u>	None.
<u>Particular danger caused by material, its combustion products or gases produced:</u>	None.
<u>Special protective equipment for fire fighting:</u>	None.

6. Accidental release measures

<u>Measures for cleaning / collecting:</u>	Absorb mechanically, take up in a dry state.
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7. Handling and storage

Handling:	No particular measures required if used correctly.
Storage:	Store in a dry place. Storage class VCI 13 / non-combustible solid substances

8. Exposure controls/personal protection

Components with work-place related limits to be monitored:

<u>Description:</u>	<u>CAS No.:</u>	<u>MAK-value(maximum admissible concentrations at work) (TRGS 900 / Germany)</u>	<u>Content %</u>
CaSO ₄	7778-18-9	6 mg/m ³ (limit concentration in the air)	>85%

Personal protective equipment: Measures for general protection and hygiene.

Respiratory protection: Maintain the general maximum admissible concentration in the work place (6 mg/m³). In case of strong dust emission wear respiratory filters P1 or FFP1.

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9. Physical and chemical properties

<u>Form:</u>	Powder
<u>Colour:</u>	White or coloured
<u>Odour:</u>	Odourless
<u>Change of state:</u>	Not applicable
<u>Thermal decomposition of gypsum:</u>	Into CaSO ₄ and H ₂ O above approx. 140° C (413 K) Into CaO and SO ₃ above approx. 1000° C (1273 K)
<u>Flammability:</u>	Not applicable.
<u>Ignition temperature:</u>	Not applicable.
<u>Spontaneous ignition:</u>	Not applicable.
<u>Danger of explosion:</u>	Not applicable.
<u>Density:</u>	CaSO ₄ x H ₂ O (x = ½) / approx. 2,6 – 2,8 g/cm ³
<u>Solubility:</u>	Approx. 7 – 9 g/l
<u>Remark:</u>	Product is not combustible.

10. Stability and reactivity

<u>Conditions to be avoided:</u>	No dangerous reactions known.
<u>Substances to be avoided:</u>	None known.
<u>Dangerous products of decomposition:</u>	None.

11. Toxicological information

<u>Acute toxicity:</u>	Not toxic.
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12. Ecological information

To date product has not been known to cause detrimental eco-toxic effects.
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13. Disposal considerations

Product:

European waste catalogue:

10 12 06 (Dentalhartgips)

Uncleaned packaging:

Contaminated packaging:

Contaminated containers: contact manufacturer.

Contaminated bags or other packaging should ideally be emptied; it can be recycled after having decontaminated.

14. Transport information

No regulated by national or international transportation regulations.

15. Regulatory information

Labelling according to EU-directives:

Calcium sulphate is not to be labelled according to directive 67/ 548 EEC (adapted to technical progress by directive 98/98/EC). Preparation is not to be labelled according to directive 88/379/EEC (adapted to technical progress by directive 1999/45/EC).

National regulations

Germany:

Calcium sulphate is not to be labelled by the regulation on hazardous substances (GefStoffV).

TRGS 900: CaSO₄ MAK value = 6 mg/m³

Water hazard class:

WGK 1 : low water hazard risk (German regulation)

Other regulations, limitations and prohibitive regulations:

Code 325, listed substance VwVwS, 17.05.1999 (BAnz. 98a, 29.05.1999)

16. Other information

All informations based on our last knowlegde and discribed the product only with regard to the safety requests.