

EU Safety Data Sheet

1. Commercial product name and supplier

<u>Commercial product name:</u>	Alginat Blue
<u>Item number:</u>	222111
<u>Producer:</u>	ORBIS° Dental Handelsgesellschaft mbH Schuckertstr. 21 D-48153 Münster Tel.: +49(0)251 / 3226786 Telefax: +49(0) 251 / 7607201
<u>Public:</u>	info@orbis-dental.de
<u>Tox emergency number:</u>	Informationszentrale gegen Vergiftungen der Universität Bonn (GIZ-Bonn) Tel.:+49(0) 228 19240 Telefax: +49(0) 228 28733314
<u>Application/ Use:</u>	Alginate

2. Composition

Chemical Characterization:

Sodium Alginate CAS Reg.No.9005-38-3
Sodium Phosphate CAS Reg.No.7722-88-5
Magnesium Oxide CAS Reg.No.1309-48-4
Magnesium Carbonate CAS Reg.No.39409-82-0
Calcium Sulfate CAS Reg.No.10101-41-4
Potassium Titanium Fluoride CAS Reg.No.16919-27-0
Diatomaceous Earth CAS Reg.No.61790-53-2

Form: Dust Free Powders

3. Hazards identification

Principal Hazard: Caused by dust generation. Do not breath in alginate dust. Use of a mask to avoid exposureis recommended.

TLV - TWA: 0.1mg/m3

4. First aid measures

<u>Eyes:</u>	Flush with clean water.
<u>Skin contact:</u>	Wash in running water and mild soap.
<u>Inhalation:</u>	Remove to fresh air.
<u>Ingestion:</u>	Drink large amount of water.

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5. Fire-fighting measures

<u>Flash point:</u>	NA
<u>Ignition Temperature:</u>	NA
<u>Extinguishing media suitable:</u>	Water, foam, treat as class A fire.
<u>Not to be used:</u>	--
<u>Special Exposure Hazards:</u>	None.

6. Accidental release measures

Collect in containers for disposal using approved dust respirator if needed. Material may be disposed of in compliance with local regulation. Sweep up without water to avoid slipping hazard.

7. Handling and storage

<u>Handling:</u>	Avoid dust accumulation.
<u>Storage:</u>	Store in original container in a cool dry place.

8. Exposure controls/ Personal protection

Personal Protective Equipment:

<u>Respiratory protection</u>	Use of mask to avoid exposure is recommended. Use in a well ventilated area.
<u>Hand protection:</u>	None.
<u>Eye protection:</u>	None if used as directed. Goggles if dust occurs.
<u>Industrial Hygiene:</u>	None.

9. Physical and chemical properties

<u>Appearance:</u>	Fine powder
<u>pH Value:</u>	NA
<u>Solubility in water:</u>	In contact with water it starts to gel
<u>Viscosity:</u>	NA
<u>Density:</u>	0,4 g/cm ³
<u>Flash point:</u>	NA
<u>Auto Flammability:</u>	NA

10. Stability and reactivity

<u>Thermal decomposition:</u>	Will burn when in contact with flame.
<u>Hazardous decomposition products:</u>	None.
<u>Hazard reactions:</u>	Will not occur.

11. Toxicological information

The product presents no toxic hazard when used properly and in accordance with manufacturer instructions. Avoid breathing dust.

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12. Ecological information

<u>Solubility in water:</u>	In contact with water it starts to gel
<u>Biodegradability:</u>	Material is not biodegradable.
<u>Environmental Hazard:</u>	For used product: No environmental hazard known.

13. Disposal considerations

Dispose conforming to local law. Product and packing materials are not listed in the Hazardous Waste Inventory as per CD 91/689/EEC 1 (4). Patient-contacted materials are at infection risk even for disposal purposes (EU Hazardous Waste Inventory No.180103).

14. Transport information

The product does not fall under the transportation classification for dangerous substances.

15. Regulatory information

Risk Phrases:	NA
Safety Phrases:	NA
Hazard Symbols:	NA

16. Other information

For professional use only.

The above mentioned data correspond to our present state of knowlegde and experience. The safety data sheet serves as description of the products in regard to necessary measures.

The indications do not have the meaning of guarantees on properties.