

# MATERIAL SAFETY DATA SHEET

Update: 05.2007

<b>1. Identification of the product /company</b>		9.11 Auto-flammability 9.12 Explosion limits 9.13 Other information	not applicable inf.: not applicable sup.: not applicable None.
1.1 Commercial product name	<b>ALGINMAX</b>		
1.2 Application / Use	Alginate impression material		
1.3 Company identification	MAJOR Prodotti Dentari S.p.A. via Einaudi, 23 - 10024 Moncalieri (TO) - ITALY	<b>10. Stability and reactivity</b>	> 200°C. None, if used in accordance to instructions.
<b>2. Composition</b>		10.1 Thermal decomposition 10.2 Hazardous decomposition products 10.3 Hazardous reactions 10.4 Other information	None. None.
2.1 Chemical characterization	Mixture of Sodium Alginate, Sodium Phosphate, Magnesium Oxide, Magnesium Carbonate, Calcium Sulfate, Potassium Fluortitanate, Diatomaceous Earth.	<b>11. Toxicological information</b>	None.
2.2 Dangerous substances	Potassium Fluortitanate (1-2%). CAS Nr. 16919-27-0 R20/21; R25	11.1 Acute effects	No acute effects noticed by this route of exposure, even in case of accidental exposures.
2.3 Other information	None.	11.2 Chronical effects	Alginmax has no cytotoxic potential.
<b>3. Hazards Identification</b>	Dust generation	11.3 Other information	Diatomaceus earth contains crystalline silica. Repeated prolonged exposures may cause lung effects.
<b>4. First aid measures</b>			Potassium Fluortitanate: Harmful by inhalation and in contact with skin. Toxic if swallowed.
4.1 Eye contact	Flush eye with plenty of water (10'-15'). Call a doctor if the irritation persists.	<b>12. Ecological information</b>	No ecological problems if the product is properly handled and used.
4.2 Skin contact	Wash with soap and water.	<b>13. Disposal considerations</b>	Dispose to an approved landfill or a waste incineration plant. Observe all local, state and environmental regulations.
4.3 Ingestion	Give large amount of water. Seek medical advice. Induce vomit.	<b>14. Transport information</b>	
4.4 Inhalation	Remove to fresh air.	14.1 Transport by land	ADR --                      RID -- Code class. --
4.5 Other information	None.	14.2 Transport by sea	UN# --                      Pack Group -- ADNR --                      IMDG - UN# --                      Pack Group -- ICAO/IATA-DGR -- UN# --
<b>5. Fire-fighting measures</b>		14.3 Air transport	This product does not fall under transport regulations.
5.1 Suitable extinguishing media	Not required as not combustible.	14.4 Other information	
5.2 Extinguishing media not to be used	None.	<b>15. Regulatory information</b>	This product does not fall under regulatory classification.
5.3 Other information	None.	15.1 Hazard symbols	This product is a medical device according to the EC Directive 93/42.
<b>6. Accidental release measures</b>	Clean up mechanically. Avoid breathing dust. Wash the area with soap and water. Dispose of according to local and national regulations.	15.2 Risk phrases	None.
<b>7. Handling and storage</b>		15.3 Safety phrases	None.
7.1 Handling	Avoid dust accumulation. Keep out of the reach of children. Only professional personnel should handle the product.	15.4 Other information	None.
7.2 Industrial hygiene	Do not breathe in dust. Adopt hygienic measures suitable for dental practice. Do not eat drink or smoke while using the product.	<b>16. Other information</b>	
7.3 Storage	Store in a cool dry place, away from sunlight.	This Material Safety Data Sheet has been compiled according to EEC Directives 91/155 and 93/112. This Information is believed to be correct according to the sources available. Please contact the manufacturer for any other information on products safety. In any case, the manufacturer does not grant any explicit or implicit warranty or liability on using the informations given above. Users must control the conformity of these informations for any specific use. This information does not represent a definition of working place hazards falling under local Laws or Directives. All local, federal and state Laws and Directives must be observed to use and dispose the above described product.	
7.4 Place of storage	Store in a cool dry place.		
7.5 Fire and explosions protection	No specific requirements.		
<b>8. Exposure controls / Personal protection</b>			
8.1 Technical measures	During mixing it is recommended to use local exhaust ventilation.		
8.2 Exposure limit values	None, if properly handled and used.		
8.3 Personal protection			
8.3.1 Respiratory protection	Do not breathe in dust.		
8.3.2 Hand protection	Gloves.		
8.3.3 Eye protection	Sfety goggles.		
8.3.4 Other information	None.		
<b>9. Physical and chemical properties</b>			
9.1 Appearance	powder.		
9.2 Colour	pale blue		
9.3 Odour	vanilla-mint		
9.4 Change of physical state	not applicable		
9.5 Density	non determined		
9.6 Vapour pressure	not applicable		
9.7 Viscosity	not applicable		
9.8 Solubility	in water: Gel-formation		
9.9 pH	9-10 suspension		
9.10 Flash point	not flammable		

