



MR. Dental Supplies Limited

4 MANOR WAY, OLD WOKING, SURREY, GU22 9JX, UK

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Material Safety Data Sheet

No:33

Company:	MR Dental Supplies Ltd 4 Manor Way Old Woking Surrey GU22 9JX England	Distributed by:
Telephone:	+44 (0)1483 773282	
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1. Commercial Product Name: Meadway Sodium Alginate
2. Chemical Characterisation: Sodium Alginate Polysaccharide

3. Hazards Identification:
3.1 Principal Hazard: Not regarded as a health or environmental hazard under current legislation.

4. First-Aid Measures:
4.1 Eye Contact: Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort occurs.
4.2 Skin Contact: Wash skin with soap and water.
4.3 Inhalation: Fresh air and rest. If any respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.
4.4 Ingestion: DO NOT INDUCE VOMITING. Provided patient is conscious, wash out mouth with water and give 200-300ml of water to drink. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK.

5. Fire Fighting Measures:
5.1 Extinguishing Media:
Suitable: Water, Foam, Carbon dioxide
Hazardous Combustion Products: Dust may form explosive mixture with air
Special Equipment for Fire Fighting: Self contained breathing apparatus and suitable protective clothing.

6. Accidental Release Measures:
6.1 Clean Up Procedure – Sweep up without creating dust. Collect by vacuuming if possible. Water wash down not recommended.
6.2 Safety Precautions – Wear personal protective equipment

7. Handling and Storage:
7.1 Usage Precautions – Minimize dust generation and accumulation. Wash thoroughly with soap and water after handling.
7.2 Storage Precautions – Store at moderate temperature in dry, well ventilated area. Hygroscopic. Keep containers tightly closed. Keep out of direct sunlight.

8. Exposure Controls and Personal Protection:
8.1 Exposure Limits: At a level of 10mg/m ³ 8-hour TWA total inhalable dust or 4mg/m ³ 8-hour TWA of respirable dust COSHH controls should be implemented.
8.1.1 Respiratory Protection: Respiratory protection must be used if air concentration exceeds acceptable level.
8.1.2 Hand Protection: Wear suitable gloves.
8.1.3 Eye Protection: Wear approved safety goggles.
8.2.1 Hygiene Measures: Wash at end of each work shift and before eating, smoking and using the toilet.

Issue Number: 2	Date: April 2011	Signed By:	Approved By:
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Manufacturers of Meadway, Medi-Lux and V-Lux dental materials & products.
Also manufacturers of tooth-making equipment.
Registered in England No. 3299060



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Product Name	Meadway Sodium Alginate
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9. Physical and Chemical Properties:		Tested in Accordance with:
9.1 Physical Form:		White/yellowish brown powder.
9.2 Odour:		Slight
9.3 Boiling Point / Range:	(Not determined °C)	
9.4: Melting Point / Range:	(Not determined °C)	
9.5: Vapour Pressure:		Unknown
9.6: Solubility In Water:	Soluble in water	

10. Stability and Reactivity:
10.1 Satbility: Stable at normal temperatures and pressure and if stored and used as directed.
10.2 Conditions to Avoid: Minimize dust generation and accumulation.
10.3 Materials to Avoid: Strong oxidizing agents.
10.4 Hazardous Decomposition Products: Carbon monoxide, crabon dixoide

11. Toxicological Information:
11.1 Toxic dose – LD 50: >5000 (mg/kg)
11.2 Skin: Non-irritating to rabbit skin.
11.3 Eyes: Non-irritating to rabbits eye.

12. Ecological Information: No information specific to this product is available.
12.1 Degardability – The organic components are biodegradable and can be expected to contribute to BOD.

13. Disposal Information:
Follow all applicable community, national or regional regulations regarding waste management methods.

14. Transport Information: Not classified as dangerous for transport.
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15. Regulatory Information: Not classified

16. Other information:
The base data for this msds is stored under MR Dental Reference: No.13 There are changes in Sections 1,2,3,4,5,7,8,9,11,12,13, and 16
The information in this document contains important information to ensure the safe handling, storage and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.
16.1 Legal Disclaimer: The above information is based on the present state of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his/her purpose.

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This Material Safety Data Sheet has been compiled according to the principles outlined in EC Directive 91/155/EC. The information contained does not constitute the users own assessment of workplace risks as required by other Health and Safety legislation. No claim is made for completeness and all applicable laws and regulations have to be considered.

IMPORTANT: USE IN THE MANUFACTURE OF MEDICAL DEVICES AND RELATED PRODUCTS.

MR Dental has performed no clinical testing on the use of this product in any medical application. MR Dental has no data to support the use of this product in any medical application. This product has been manufactured to a specification according to high standards of manufacturing practice. s supplies this product on the specific understanding that it is the sole responsibility of the medical device manufacturer to ensure that the medical device is both safe and fit for the intended purpose and that this product is suitable for use in its manufacture.

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