

TITLE: PLASTERGEL

**1. Identification of Substance and Company**

Plastergel

1.1 Manufacturer: Metrodent Limited, Lowergate Works, Lowergate, Paddock, Huddersfield, HD3 4EP. Tel: 01484 461616, Fax: 01484 462700

**2. Composition Information**

Agar-Agar in a 13% solution of 1,4-Butane Diol (CAS-No. 110-63-4)  
Dangerous components/range of concentration/symbol/R-sets  
1,4-Butane Diol/13-14%/Xn/R20

**3. Hazard Identification**

For Humans Harmful by ingestion and if vapours are inhaled as mist.

**4. First Aid Measures**

Exposure	Medical Attention Required
Ingestion: Give plenty of water to drink	Yes
Skin Contact: Wash away with plenty of Water. If spilt while molten allow to cool. Treat any burns due to spillage of hot gel on skin.	
Eye Contact: Wash away with plenty of Water with eyelids held open.	Yes

**5. Firefighting Measures**

Suitable extinguishing media: No Restriction

**6. Accidental Release Measures**

Safety measures related to persons: Wear appropriate protective clothing. Cleaning Method: If spilt when molten allow to cool and scrape away from adhered surface. Wash site of spillage thoroughly with water and detergent. Dispose of with household waste observing local regulations. Please refer to 8 and 13

**7. Handling and Storage**

7.1 Handling: Protective measures regarding the handling: Observe common safety precautions regarding the handling of chemicals. Technical protective measures: Avoid spilling or splashing of the molten gel onto the skin as this will cause burns.  
7.2 Storage: Special requirements: Store in a closed container to prevent moisture loss. Suitable container material: Plastic or metal container.

**8. Limit of Exposure and Personal Protective Equipment**

8.1 Personal protective equipment, Hand protection: Use working gloves. Hygiene: After work usual hand-cleaning with water and soap

**9. Physical and Chemical Properties**

Physical Appearance, Form: Solid, Colour: Red, Smell: None, pH Value: Density (20°C): approx. 1.1g/cm<sup>3</sup>  
Other data: Changes from liquid to solid about 33°C

**10. Stability and Reactivity**

None

**11. Toxicological Information**

If used according to directions, toxicological effects are not known

**12. Ecological Information**

Readily degradable mainly by biological processes

**13. Recommendations Regarding Disposal**

13.1 Disposal procedure for preparation: The material can be disposed of with household waste in accordance with local regulations  
13.2 Disposal procedure for packing material: The material can be disposed with household waste by observing regulations of local authorities.

Please note that national and regional regulations might be valid.

**14. Transportation Information**

Plastergel does not fall under the transportation classification for dangerous substances.

**15. Regulatory Information**

15.1 Mark on the label: None  
15.2 Restriction regarding use and transportation: May only be used in the dental laboratory. Other national demands could be importance

**16. Other Data**

None

The above describes our product with reference to possible safety requirements in accordance with our present level of knowledge. No claim is made for completeness and all applicable laws and regulations have to be considered.