



Safety Data Sheet

according to 2001/58/EC

Tewestone, Tewelock

Print date : 12.06.2006

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1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation Tewestone, Tewelock

Further product name Tewestone white
Tewestone brown
Tewelock yellowish-brown

Use of the substance/preparation Extra hard dental stone.

1.2 Company/undertaking identification

Company name : Kettenbach GmbH & Co. KG
Street : Im Heerfeld 7
Place : D-35713 Eschenburg
Contact person : Quality Assurance Manager Telephone : + 49(0) 2774/705-0
e-mail : info@kettenbach.de Telefax : +49 (0)2774/705-33
Internet : www.kettenbach.de

2. Composition/information on ingredients

Chemical characterization Calcium sulfate hemihydrate

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
231-900-3	10034-76-1	Calcium sulfate hemihydrate	> 95 %	

Full text of each relevant R phrase can be found in heading 16.

3. Hazards identification

Classification

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

Explication of special hazards for human health and environment

Do not breathe dust. Avoid generation of dust.

4. First aid measures

General information No special measures are necessary.

After inhalation Provide fresh air.

After contact with skin Remove by washing with water.

After contact with eyes After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist.

After ingestion Rinse mouth immediately and drink large quantities of water. Consult physician if problems persist.



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5. Fire-fighting measures

Suitable extinguishing media

Material itself is not combustible.
Extinguishing materials should be selected according to the surrounding area.

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

In case of fire may form: Sulphur trioxide.

6. Accidental release measures

Personal precautions

Avoid generation of dust.

Environmental precautions

No special environmental measures are necessary.

Methods for cleaning up/taking up

Collect mechanically.

Additional information

See protective measures under point 7 and 8.

7. Handling and storage

7.1 Handling

Advice on safe handling

Do not breathe dust. Dust should be vacuumed up immediately at the place it occurs.

Advice on protection against fire and explosion

Material itself is not combustible.

7.2 Storage

Requirements for storage rooms and vessels

Keep dry.

Advice on storage compatibility

Not required.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

8. Exposure controls/personal protection

8.1 Exposure limit values

8.2 Exposure controls

Protective and hygiene measuresThe usual precautions when handling chemicals have to be obtained.
When using do not eat, drink, smoke or sneeze.**Hand protection**

Hand protection: not required.

Eye protection

Framed glasses.

Skin protection

Body protection: not required.

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9. Physical and chemical properties

9.1 General information

Physical state : Powder
Colour : white, brown, yellow.
Odour : odourless

9.2 Important health, safety and environmental information

pH-Value (at 20 °C) : 5 - 7 (10 g/l)

Test method

Changes in the physical state

Melting point : > 1400 °C
Boiling point : not applicable
Flash point : not applicable

Explosive properties

not Explosive.

Density (at 20 °C) : 2,6 g/cm³
Water solubility : 2 g/L
at (20 °C)

10. Stability and reactivity

Conditions to avoid None by intended use.
Materials to avoid not applicable
Hazardous decomposition products Sulphur trioxide.
Additional information No hazardous reactions known.

11. Toxicological information

Corrosive and irritant effects Irritant effect on the skin: Not an irritant.
Irritant effect on the eye: irritant.
Mechanical irritation possible.
Sensitising effects no danger of sensitization.
Additional information on tests According to EC-regulations or the corresponding national regulations the product does not have to carry special markings.

12. Ecological information

Persistence and degradability Inorganic product which is not eliminable from water through biological cleaning processes. Elimination from water is possible through precipitation or coagulation.

13. Disposal considerations

Advice on disposal Remove according to the regulations.



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Waste disposal number of used product :

200399 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; municipal wastes not otherwise specified

Contaminated packaging

Completely emptied packings can be re-cycled.

14. Transport information

Land transport (ADR/RID)Inland waterways transportMarine transportAir transportFuther Information

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information

15.1 Labelling

Labelling according to EC-guidelines : There is no requirement for the product to be specially labelled according to EC-regulations or the corresponding national laws.
The usual precautions when handling chemicals have to be obtained.

15.2 National regulations

Water contaminating class : - - not water contaminating

16. Other information

Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.
The receiver of our product is singularly responsible for adhering to existing laws and regulations.