

Safety Data Sheet

according to 91/155/EEC

1. Product identification/preparation/company undertaking

Trade name: **DESI**
Order-No.: **FDF3300**

Manufacturer: R-dental Dentalerzeugnisse GmbH
Winterhuder Weg 88
D-22085 Hamburg
Germany

Emergency information:
Dr. Andreas Sprafke
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2. Composition/information of ingredients

Chemical characterization: Solution of modified polyacrylic acids
and methacrylates in water, stabilizers.
Discription: -

3. Hazards identification

Risk identification: -
Special risks for human beings and environment: -
Classification: Classification corresponds to present EEC guidelines,
additionally information by literature.

4. First-aid measures

General information after skin contact: Wash with plenty of water and soap.
Remove contaminated clothes.
General information after eye contact: Rinse with plenty of water and
consult an eye physician.
General information after inhalation: Take fresh air. Keep airways free.
General information after swallowing: Consult an physician immediately.
Drink plenty of water, but no milk or castor oil.

5. Fire fighting measures

Extinguishing media: Non combustible.
Protective equipment: -

6. Accidental release measures

Personal precautions: -

Environmental precautions: Do not let liquid material come into contact with the environment.

Methods for cleaning up liquid material: Pick up the material.

7. Handling and storage

Handling procedures: This product should only be used by a dentist or a licensed professional.

Recommendation for fire and explosion protection:

No procedures, if correctly handled.

Storage: Always close the bottle immediately.

Protect from light, store in well ventilated rooms at room temperature.

Requirements at store rooms and containers: -

Requirements for storage with other products: Keep away from food stuffs.

Additional storage conditions: -

Storage classification: -

VBF-classification: -

8. Exposure controls/personal protection

Additional informations: -

Components with limits of value to be supervised at the workplace

Additional information: -

Personal protective equipment: -

General measures of protection and hygiene: Normal hygienic measures.

Respiration: Normal hygienic measures.

Hands: Normal hygienic measures.

Eyes: Normal hygienic measures.

Pregnancy: -

9. Physical and chemical properties

Appearance

Form: Liquid

Colour: Colourless

Odour: Odourless

Information on change in the physical state (Value, unit, method)

Melting point/melting range: -

Boiling point/boiling range: -

Flash point: -

Autoignation temperature: -

Danger of explosion: -

Density: 1,03 g/cm³ (68 °F) ???

Vapour pressure: -

Viscosity: liquid

pH: 2,2

Solubility in/miscibility with: Soluble in organic solvents and water.
Water solubility: Yes.
Content of solvents: -
Organic solvents: -
Water: Water based.
Content of solids: -

10. Stability and reactivity

Stability and reactivity: Avoid heat. Stable by proper use.
Incompatibility with other substances: Avoid contact with oxidation agents (e. g. Cr(VI)-oxide, H₂O₂ and so on). Avoid contact with alkali metals, alkaline earth metals, metals in powder form.

11. Toxicological information

Acute toxicity: -
Primary irritation skin: Irritating (Xi), degreasing effects of the skin; possibly followed by secondary inflammation; resorption possible.
Eye: Severe irritating.
Inhalation: Non volatile.
Ingestion: Harmful if swallowed.
Sensitization of product: Not observed.
Additional toxicological information: Under proper conditions and consideration of the normal hygienic measures it can be handled without risks for health. But it may react irritating on eyes or skin or may cause allergic reactions.

12. Ecological information

General information:

Degrance: Do not let the material come in contact with the environment.
Fish toxicity: Do not let the material come in contact with the environment.
Classification of water endangerment: WGK = 0.
Additional information: Do not let liquid material come into contact with the environment.

13. Disposal consideration

Recommendation: Use proper landfill disposal in accordance with local, state and federal regulations
Disposal key number: -
Uncleaned packaging: -

14. Transport information

Transport information:
Landtransport RID/ADR, GGVS/GGVE: Not classified as dangerous goods.
Sea transport ADN/ADNR, IMDG/GGV: Not classified as dangerous goods.

Air transport ICAO-TI, IATA-DGR, PAX: Not classified as dangerous goods.

The transport regulations are cited according to international regulations and in the form applicable in Germany (GGVS/GGVE). National deviations in other countries are not considered.

15. Regulatory information

Classification according to EEC-guidelines and GEFStoffV/EG:

National prescriptions: -

National classification according to VbF: -

16. Other informations

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to product properties. However users of the product should satisfy themselves that the information given above is sufficient and correct for their circumstances of use.

Prepared by: Dr. Andreas Sprafke, R-dental GmbH.