



healthmark
INDUSTRIES CO.
health care products
800-521-6224
www.hmark.com

Product SDS

Reference date: 5/22/2019, 3/31/2021, 2/27/2023,
4/23/2022, 4/30/2021, 4/25/2022, 3/26/2022, 5/13/2022 **Revision**
date: 3/29/2023

01. Identification of the substance/mixture and of the company

Product name: Dental Surgical Test Soil

Code number(s): DTS-7ML, DTS-100ML

Purpose of product: Simulated use test soil for cleaning validations of devices used in the dental industry.

Manufacturer/supplier: Healthmark Industries Co.

Address: 18600 Malyn Blvd. / Fraser, MI 48026

Telephone/Fax/Email: (800) 521-6224 / (586) 491-2113 / healthmark@hmark.com

Emergency telephone number: (800) 424-9300 (24-hour service)

02. Hazardous identifications

Classification of the substance or mixture: n/a

Adverse environmental and human health effects: May be harmful if ingested or inhaled. May cause skin and eye irritation. May irritate mucous membranes and upper respiratory tract.

03. Composition/information on ingredients

Description of the mixture: Mixture of purified bovine proteins (hemoglobin, albumin), polysaccharides, pigment, bone particulates, mucin, artificial saliva, and a salt solution

Hazardous ingredients: n/a

Following inhalation: Supply fresh air; consult doctor in case of complaints.

Following skin contact: Wash with plenty of soap and water. Consult doctor if irritation occurs.

Following eye contact: Flush eyes with running water for several minutes and remove eye contacts and holding the eyelids apart.

Following ingestion: Rinse mouth with water ensuring that rinse is not swallowed. If symptoms persist consult doctor.

Notes for the doctor: n/a

04. Firefighting measures

Suitable extinguishing media: Use fire extinguishers that suit the environment.

Unsuitable extinguishing media: n/a

Special hazards arising from the substance and combustion products: n/a

Advice for firefighters: n/a

05. Accidental release measures

General information: Use personal protective equipment. Ensure adequate ventilation. Dilute spilled substances with plenty of water and absorb.

Environmental precautions: n/a

Additional information: Pick up mechanically.

06. Handling and storage

Precautions for safe handling: Follow good laboratory hygiene practices.

Fire Preventions: n/a

Technical measures and storage conditions: 2 °C-25 °C. Secure lid tight.

07. Exposure controls/personal protection

Control parameters: n/a

Personal protective equipment: n/a

Hand protection: Protective gloves

Respiratory protection: n/a

Eye protection: Protective glasses

Advice on general occupational hygiene: n/a

Environmental exposure controls: n/a

08. Physical and chemical properties

Appearance: Solid

Physical state: Powder

Color: Dark red

Odor: n/a

Safety relevant basic data: n/a

Explosion hazard: n/a

Flammability (solid, gas): n/a

Density: n/a

pH: n/a

Initial boiling point/range: 100 °C /212 °F

Solubility: Insoluble

Flash point: n/a

Ignition temperature: n/a

Melting point: °C / °F

Conditions to avoid: n/a

Incompatible materials: n/a

09. Stability and reactivity

Conditions to avoid: n/a

Incompatible materials: n/a

Hazardous decomposition products: Thermal decomposition: Acrid smoke and irritating fumes

10. Toxicological information

Information on toxicological effects: N/A

irritation Eye- Irritant and potentially harmful

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

11. Ecological information

Terrestrial toxicity: No data available

Aquatic toxicity: Hazard class 1- slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Mobility: n/a

Persistence and degradability: Biodegradability- 95%-readily biodegradable.

Bio accumulative potential: n/a

Results of PBT and vPvB assessment: n/a

Other adverse effects: n/a

12. Disposal considerations

Product: Please refer to applicable local, state, and federal regulations.

Contaminated packaging: Discard must be made according to official regulations.

Uncontaminated packaging: n/a

13. Transport information

UN-No: n/a

Proper shipping name: n/a

Classification code: n/a

Packing group: n/a

Hazard label: n/a

14. Regulatory information

Regulation on combustible liquids: n/a

Class according 2009/104/EG (BetrSichV): n/a

Water hazard class: n/a

Storage according TRGS 510 (Storage of hazardous substances in non-stationary containers): n/a

15. Other information

Recommended application: Store in cool place. Do not store above 104°F (40°C). Shield from direct sun exposure or fluorescent lighting to prevent discoloration. Do not store in areas that are damp or in high humidity.

Relevant R-, H-, and EUH-phrases: n/a

The information supplied in this Safety Data Sheet is designed only as a guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and beliefs at the date of the publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other processes.