

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Silagum

Print date: 31.08.2010

MSDS: 5010

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

Identification of the substance or preparation

Silagum

Company/undertaking identification

Company name:	DMG Chemisch-Pharmazeutische Fabrik GmbH		
Street:	Elbgaustraße 248		
Place:	D-22547 Hamburg		
Telephone:	+49. (0) 40. 84006-0	Telefax:	+49. (0) 40. 84006-222
Internet:	www.dmg-dental.com	e-mail:	info@dmg-dental.com

2. Hazards identification

Classification

R-phrases:
Harmful to aquatic organisms.

Explication of special hazards for human health and environment

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Paste

4. First aid measures

After inhalation

not applicable

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Consult physician.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons

High power water jet.

6. Accidental release measures

Personal precautions

Wear suitable protective clothing.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Collect mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or

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universal binding agents).

7. Handling and storage**Handling****Advice on safe handling**

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

Storage**Requirements for storage rooms and vessels**

Keep container tightly closed. Ensure adequate ventilation of the storage area. Store only in original container.

8. Exposure controls/personal protection**Exposure limit values****Exposure controls****Respiratory protection**

No risks worthy of mention.

Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

Eye protection

Tightly sealed safety glasses.

Skin protection

When using do not eat or drink.

9. Physical and chemical properties**General information**

Physical state:	Paste
Colour:	characteristic
Odour:	characteristic

Important health, safety and environmental information

	Test method
pH-Value (at 20 °C):	not applicable

Changes in the physical state

Boiling point:	> 300 °C
Flash point:	> 130 °C
Density:	1,2 - 1,7 g/cm ³
Water solubility:	insoluble
Vapour density:	> 1

Other information

Ignition temperature:	> 400 °C
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10. Stability and reactivity**Conditions to avoid**

heat.
Decomposition takes place from temperatures above: 100 °C

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Decomposition under formation of: Formaldehyde.

Materials to avoid

On contact with water: Formation of: hydrogen.

Hazardous decomposition products

hydrogen. Formaldehyde.

11. Toxicological information**Acute toxicity**

LD50: Rat. 5000 mg/kg

Corrosive and irritant effects

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: irritant.

12. Ecological information**Ecotoxicity**

Acute fish toxicity LC50: > 200 mg/l/96h

Persistence and degradability

Preparation not tested.

Further information

Do not empty into drains or the aquatic environment.

13. Disposal considerations**Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances
Classified as hazardous waste.

14. Transport information**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information**Labelling****R phrases**

52 Harmful to aquatic organisms.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

16. Other information

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Full text of R-phrases referred to under sections 2 and 3

52 Harmful to aquatic organisms.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)