

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silagum

Print date: 21.04.2016

Product code: 5010

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Silagum

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

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
e-mail:	info@dmg-dental.com	
Internet:	www.dmg-dental.com	

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard categories:

Serious eye damage/eye irritation: Eye Dam. 1

Hazardous to the aquatic environment: Aquatic Acute 1

Hazard Statements:

Causes serious eye damage.

Very toxic to aquatic life.

2.2. Label elements

Signal word:

Danger

Pictograms:

GHS05-GHS09

**Hazard statements**

H318

Causes serious eye damage.

H400

Very toxic to aquatic life.

Precautionary statements

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391

Collect spillage.

P312

Call a POISON CENTER/doctor if you feel unwell.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P273

Avoid release to the environment.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Paste

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
	Fatty Alcohol Ethoxylate	< 2.5 %
68131-39-5	Xi - Irritant, N - Dangerous for the environment R41-50	
	Eye Dam. 1, Aquatic Acute 1 (M-Factor = 1); H318 H400	

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures**4.1. Description of 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.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO₂).**Unsuitable extinguishing media**

High power water jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

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

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

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

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

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

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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Eye/face protection**

Tightly sealed safety glasses.

Hand protection

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

Skin protection

When using do not eat or drink.

Respiratory protection

No risks worthy of mention.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	characteristic
Odour:	characteristic

pH-Value (at 20 °C):

Test method

 not applicable
Changes in the physical state

Initial boiling point and boiling range:	> 300 °C
Flash point:	> 130 °C
Ignition temperature:	> 400 °C
Density:	1,2 - 1,7 g/cm ³
Water solubility:	insoluble
Vapour density:	> 1

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

heat.
 Decomposition takes place from temperatures above: 100 °C
 Decomposition under formation of: Formaldehyde.

10.5. Incompatible materials

On contact with water: Formation of: hydrogen.

10.6. Hazardous decomposition products

hydrogen. Formaldehyde.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

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Acute toxicity

LD50: Rat. 5000 mg/kg

Irritation and corrosivity

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: irritant.

SECTION 12: Ecological information**12.1. Toxicity**

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

12.2. Persistence and degradability

Preparation not tested.

Further information

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****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.

SECTION 14: Transport information**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

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

SECTION 16: Other information**Relevant R-phrases (Number and full text)**

41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.

Relevant H- and EUH-phrases (Number and full text)

H318 Causes serious eye damage.
H400 Very toxic to aquatic life.

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