

SAFETY DATA SHEETS

This SDS packet was issued with item:

073243862

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

073243870

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Status Blue

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**

Status Blue

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.)

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

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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 AMERICA LLC
Address: 242 South Dean Street
City, State, Zip Code: Englewood, NJ. 07631
Telephone: (800) 662-6383
email address: Info@dmg-america.com
Website: www.dmg-america.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

R phrases:
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

GHS classification

Hazard Statements:
Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

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

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	Fatty Alcohol Ethoxylate	< 2.5 %
68131-39-5	C - Corrosive, N - Dangerous for the environment R41-50	
	Eye Dam. 1, Aquatic Acute 1; H318 H400	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

not applicable

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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).

Extinguishing media which must not be used for safety reasons

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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. 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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste
Colour: characteristic
Odour: characteristic

Test method

pH-Value (at 20 °C): not applicable

Changes in the physical state

Boiling point: > 300 °C
Flash point: > 130 °C
Ignition temperature: > 400 °C
Density: 1,2 - 1,7 g/cm³
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

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

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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

Full text of R phrases referred to under Sections 2 and 3

41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of H statements referred to under Sections 2 and 3

H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

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