

## **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

Page 1 of 4

**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 (CO<sub>2</sub>).**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

**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**Status Blue**

Print date: 31.08.2010

MSDS: 5010

Page 2 of 4

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 <sup>3</sup>
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

**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**Status Blue**

Print date: 31.08.2010

MSDS: 5010

Page 3 of 4

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: &gt; 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**

## Safety Data Sheet

according to Regulation (EU) No. 1907/2006

### Status Blue

Print date: 31.08.2010

MSDS: 5010

Page 4 of 4

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

52 Harmful to aquatic organisms.

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

# Safety Data Sheet

## Status Blue

Product code: 999693\_999826 (5010\_GHS)

Page 1 of 4

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

#### 1.1. Product identifier

Status Blue

#### 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](mailto:Info@dmg-america.com)  
Website: [www.dmg-america.com](http://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

# Safety Data Sheet

## Status Blue

Product code: 999693\_999826 (5010\_GHS)

Page 2 of 4

### 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 (CO<sub>2</sub>).

#### 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.

# Safety Data Sheet

## Status Blue

Product code: 999693\_999826 (5010\_GHS)

Page 3 of 4

### 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/cm<sup>3</sup>  
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



# Safety Data Sheet

## Status Blue

Product code: 999693\_999826 (5010\_GHS)

Page 4 of 4

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*