

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## LuxaCore

Print date: 02.07.2014

Product code: 1010\_GHS

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

#### 1.1. Product identifier

LuxaCore

Product group: Endprodukt

#### 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

Indications of danger: Xi - Irritant  
R phrases:  
Irritating to eyes, respiratory system and skin.  
May cause sensitisation by skin contact.

#### GHS classification

Hazard Statements:  
May cause respiratory irritation.  
Causes serious eye irritation.  
Causes skin irritation.  
May cause an allergic skin reaction.

#### 2.2. Label elements

Signal word: Warning  
Pictograms: GHS07



#### Hazard statements

H335	May cause respiratory irritation.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

#### 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.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.

#### 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

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### Chemical characterization

chemical characterization (preparation): Acrylate.-resin.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

#### 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. Provide adequate ventilation.

### 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.

## 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 in a cool, well-ventilated place.

Store only in original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls



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**Protective and hygiene measures**

When using do not eat or drink.

**Respiratory protection**

The following must be prevented: inhalation.

**Hand protection**

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

**Eye protection**

Tightly sealed safety glasses.

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

Physical state:	Paste
Colour:	colourless - yellow
Odour:	like: ester

pH-Value (at 20 °C):

not applicable

**Test method****Changes in the physical state**

point of decomposition:	> 200 °C
Flash point:	> 150 °C
Density:	1,8 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	1 g/L
Vapour density:	> 1

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

heat. Light.  
Decomposition takes place from temperatures above: 200 °C  
Decomposition under formation of: Acrylate.

**10.5. Incompatible materials**

radical former. Keep away from strong acids, leachates, heavy metal salts and reducing materials.

**10.6. Hazardous decomposition products**

Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

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

LD50: Rat. &gt; 9.000 mg/kg

**Irritation and corrosivity**

Frequently or prolonged contact with skin may cause dermal irritation.  
Irritant effect on the eye:

**Additional information on tests**

Contains Methacrylic esters.: May produce an allergic reaction.

**SECTION 12: Ecological information**

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### 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.

Paste: Carry out a burning of hazardous waste according to official regulations.

#### 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

36/37/38 Irritating to eyes, respiratory system and skin.  
43 May cause sensitisation by skin contact.

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

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

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