

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**ContaxActivator**

Print date: 20.04.2016

Product code: 2225

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

ContaxActivator

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****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard categories:

Organic peroxide: Org. Perox. B

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory/skin sensitization: Skin Sens. 1

Hazard Statements:

Causes serious eye damage.

May cause an allergic skin reaction.

**2.2. Label elements**

Signal word:	Warning
Pictograms:	GHS05-GHS07

**Hazard statements**

H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.

**Precautionary statements**

P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

**2.3. Other hazards**

Irritating to eyes, respiratory system and skin.  
May cause sensitization by skin contact.

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

chemical characterization (preparation): Acrylate.-resin.

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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		
	Bis-GMA	40 - 50 %
1565-94-2	Xi - Irritant R41-43	
202-327-6	dibenzoyl peroxide; benzoyl peroxide	< 2 %
94-36-0	E - Explosive, O - Oxidizing, Xi - Irritant R3-7-36-43	
617-008-00-0	Org. Perox. B, Eye Irrit. 2, Skin Sens. 1; H241 H319 H317	

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**

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>).**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. 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.

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**

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**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****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
94-36-0	Dibenzoyl peroxide	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**8.2. Exposure controls****Protective and hygiene measures**

Take off immediately all contaminated clothing. When using do not eat or drink.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

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

**Respiratory protection**

The following must be prevented: inhalation.

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

Physical state: liquid  
Colour: yellow  
Odour: like: ester

**Test method**

pH-Value: < 7

**Changes in the physical state**

Initial boiling point and boiling range: 100 °C  
point of decomposition: > 200 °C  
Flash point: 100 °C  
Vapour pressure:  
(at 20 °C) 23 hPa  
Density: 1,1 g/cm<sup>3</sup>  
Water solubility: 500 g/L

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

heat. Light.

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**10.5. Incompatible materials**

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****Toxicokinetics, metabolism and distribution**

Preparation not tested.

**Acute toxicity**

LD50: (Rat.): 5000mg/kg

**Irritation and corrosivity**

Irritant effect on the eye: strong irritant. Risk of serious damage to eyes.

Frequently or prolonged contact with skin may cause dermal irritation.

**Additional information on tests**

Contains Methacrylates: May produce an allergic reaction. May cause sensitization by skin contact.

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

Product is partially biodegradable. &gt; 50 %

Acute fish toxicity LC50: &gt;230 mg / l / 96 h

**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.

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):

**SECTION 16: Other information**

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**Relevant R-phrases (Number and full text)**

- 03 Extreme risk of explosion by shock, friction, fire or other sources of ignition.
- 07 May cause fire.
- 36 Irritating to eyes.
- 41 Risk of serious damage to eyes.
- 43 May cause sensitisation by skin contact.

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

- H241 Heating may cause a fire or explosion.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.

**Further Information**

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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.)*