Trade name: FotoDent gingiva

Substance number: 9390

Version: 1 / GB

Replaces Version: - / GB

Date revised: 28.08.2023 Print date: 28.08.2023

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

1.1. Product identifier

FotoDent gingiva

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Light-curing material for the manufacturing of dental gingival masks

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH Max-Planck-Straße 31 59423 Unna Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29 Information provided Department Research & Development: Fax: +49 2303 8807-562 by / telephone E-mail address of sicherheitsdatenblatt@dreve.com person responsible for this SDS

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Eyè Irrit.	2	́ НЗ	19
Skin Ser	าร. 1A	H3	17
Aquatic	Chronic 2	H4	11

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Safety data sheet in accord	ance with regulation (EC) No 1907/2006	Dreve					
Trade name: FotoDent gingiv	a						
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Hazard statements							
H319	Causes serious eye irritation.						
H317	May cause an allergic skin reaction.						
H411	Toxic to aquatic life with long lasting effects.						
Precautionary stater	nents						
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.						
P264.1	Wash hands thoroughly after handling.						
P273	Avoid release to the environment.						
P280	Wear protective gloves/protective clothing/eye protective	tion/face protection.					
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.						
P501.1	Dispose of contents/container to industrial incineration plant.						
Hazardous compone	ent(s) to be indicated on label (Regulation (EC) N	No. 1272/2008)					
contains	Hydroxylpropyl methacrylate; 2-Hydroxyethyl acrylate trimethylbenzoyl)-phosphine oxide; Diethylene glycol	; Phenyl bis(2,4,6-					

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

IsodecyImethacryla CAS No. EINECS no. Registration no.	29964-84-9 249-978-2			
Concentration	>= 2,5	<	10	%
Classification (Reg	ulation (EC) No. 1272/2008)			
	Aquatic Chronic 1	H410		
	Skin Irrit. 2	H315		
	Eye Irrit. 2	H319		
	STOT SE 3	H335		
Hydroxylpropyl me	thacrylate			
CAS No.	27813-02-1			
EINECS no.	248-666-3			
Registration no.				
Concentration	>= 1	<	10	%
Classification (Reg	ulation (EC) No. 1272/2008)			
	Eye Irrit. 2	H319		
	Skin Sens. 1	H317		
ATE or	al	2.000		mg/kg
Phenyl bis(2,4,6-trir	nethylbenzoyl)-phosphine	oxide		
CAS No.	162881-26-7			
EINECS no.	423-340-5			

Safety data sheet in accorda	nce with regulation (EC)	NO 190	//2006		Dreve
Trade name: FotoDent gingiva					
Substance number: 9390	Version:	1 / GB			Date revised: 28.08.202
	Replace	s Versio	n: - / G	βB	Print date: 28.08.202
Registration no.	01-2119489401-38				
Concentration	>= 1	<	10	%	
Classification (Regula	tion (EC) No. 1272/2008) Skin Sens. 1A	H317			
	Aquatic Chronic 4	H413			
	10				
2-Hydroxyethyl acrylat CAS No.	е 818-61-1				
EINECS no.	212-454-9				
Registration no.	01-2119459345-34				
Concentration	>= 0,2	<	1	%	
Classification (Regula	tion (EC) No. 1272/2008) Acute Tox. 3	H311			
	Skin Corr. 1B	H314			
	Skin Sens. 1	H317			
	Aquatic Acute 1	H400			
Concentration limits (F	Regulation (EC) No. 1272/				
ATE derm	Skin Sens. 1 H317		0,2 %	~~~//~~	
Additional remarks:	la	1.000		mg/kg	
CLP	Regulation (EC) No 1272	2/2008,	Annex	VI, Note D	
Diethylene glycol dime	ethacrylate				
CAS No.	2358-84-1				
EINECS no. Registration no.	219-099-9 01-2120892085-48				
Concentration	>= 0,1	<	1	%	
	tion (EC) No. 1272/2008)				
	Skin Sens. 1B	H317			
	SECTION 4: Fir	st aic	me	asures	
4.1. Description of first	aid measures				
General information					
Remove contaminated measures when giving	d clothing immediately and	l dispose	e of sat	ely. Adhere to	personal protective
After inhalation	j ili st alu				
Alter initialiation	into fresh air and keen him	, calm li	n tha a	vent of sympto	ms take medical treatment
Remove the casualty	nno neon an anu keep fiiff	i cain. I		vent or sympto	nis take metrical treatment.
Remove the casualty					
After skin contact	wash immediately with n	lanty of	Nator	and soon Cons	ult a doctor if skip irritation
After skin contact	, wash immediately with p	lenty of	water a	and soap. Cons	ult a doctor if skin irritation
After skin contact After contact with skin persists. After eye contact		-		·	
After skin contact After contact with skin persists. After eye contact Separate eyelids, was	, wash immediately with p the eyes thoroughly with	-		·	
After skin contact After contact with skin persists. After eye contact Separate eyelids, was After ingestion	h the eyes thoroughly with	n water (15 mir	.). Take medic	al treatment.
After skin contact After contact with skin persists. After eye contact Separate eyelids, was After ingestion Call in a physician imr	h the eyes thoroughly with	n water (ne Safety	15 mir [,] Data	.). Take medica Sheet. Rinse m	

Trade name: FotoDent gingiva

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4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO2, powders, water spray/mist, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Observe manufacturer's / distributor`s instructions.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition. Ensure adequate ventilation. Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing. Use personal protective clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain and dispose of contaminated wash water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Pick up rest with suitable absorbent materials. Do not pick up with the help of saw-dust or other combustible substances. Clean contaminated floors and objects thoroughly, observing environmental regulations. Containers in which spilt substance has been collected must be adequately labelled. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

Trade name: FotoDent gingiva

Substance number: 9390

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid formation of aerosols. Avoid impact, friction and electro-static loading; risk of ignition!. Keep container tightly closed.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. No smoking. Take action to prevent static discharges. Avoid impact and friction. Use only explosion-proof equipment. Keep away from combustible material. Wear shoes with conductive soles.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Do not store together with foodstuffs. Do not store with strong oxidizing agents.

Further information on storage conditions

Keep under lock and key or accessible only to specialists or people who are authorized. Keep container tightly closed and in a well-ventilated place. Keep in a cool place

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)

Hydroxylpropyl methacrylate

Reference substance Type of value Reference group Route of exposure Concentration	Hydroxylpropyl methacrylate Derived No Effect Level (DNEL) Worker inhalative 14,7	mg/m³
Type of value Reference group Route of exposure Concentration	Hydroxylpropyl methacrylate Derived No Effect Level (DNEL) Worker dermal 4,2	mg/kg/d
Type of value Reference group Route of exposure Concentration	Derived No Effect Level (DNEL) Consumer dermal 2,5	mg/kg
Type of value Reference group Route of exposure	Derived No Effect Level (DNEL) Consumer inhalative	

Safety data sheet in accordance with regulation (EC) No 1907/2006



Trade name: FotoDent gingiva	Version: 1/CP	Data revised: 20.00.200
Substance number: 9390	Version: 1 / GB	Date revised: 28.08.202
	Replaces Version: - / GB	Print date: 28.08.202
Concentration	8,8	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Route of exposure	oral	
Concentration	2,5	mg/kg
2-Hydroxyethyl acrylate		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	2,4	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1,2	mg/m³
Predicted No Effect Concen	tration (PNEC)	
Hydroxylpropyl methacrylate		
Reference substance	Hydroxylpropyl methacrylate	
Type of value	PNEC	
Туре	Freshwater	
Concentration	0,904	mg/l
	Hydrovydpropyd mothoondoto	
Type of value	Hydroxylpropyl methacrylate PNEC	
	-	
Type	Freshwater sediment	
Concentration	6,28	mg/kg
	Hydroxylpropyl methacrylate	
Type of value	PNEC	
Туре	Soil	
Concentration	0,727	mg/kg
	Hydroxylpropyl methacrylate	
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	10	mg/l
Type of value	PNEC	
Type	Marine	
Concentration	0,904	mg/l
Type of value	PNEC	
Туре	Marine sediment	
Concentration	6,28	mg/kg
2-Hydroxyethyl acrylate		
Type of value	PNEC	
Туре	Freshwater	
1,140	i i convator	

Safety data sheet in accordance with regulation (EC) No 1907/2006



Trade name: FotoDent gingiva		
Substance number: 9390	Version: 1 / GB	Date revised: 28.08.2023
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Concentration	0,017	mg/l
Type of value	PNEC	
Туре	Marine	
Concentration	0,002	mg/l
Type of value	PNEC	
Туре	Water (intermittent release)	
Concentration	0,0361	mg/l
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	0,064	mg/kg
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0,006	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	0,003	mg/kg
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	10	mg/l
		-

8.2. Exposure controls

General protective and hygiene measures

Do not smoke during work time. Hold emergency shower available. Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Take off immediately all contaminated clothing. Do not eat or drink during work time. Storage of foodstuffs in work rooms is forbidden. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

Do not inhale vapours; Use suitable respiratory protective device in case of insufficient ventilation

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material. Hand protection must comply with EN 374.

Appropriate Material Butyl rubber

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

•	with regulation (EC) No 1907/2006		
Trade name: FotoDent gingiva			
Substance number: 9390	Version: 1 / GB		Date revised: 28.08.202
	Replaces Version: - / GB		Print date: 28.08.202
Physical state	liquid		
Colour	pink		
Odour	characteristic		
Melting point			
Remarks	not determined		
Freezing point			
Remarks	not determined		
Boiling point or initial bo	iling point and boiling range		
Value	263	°C	
Flammability			
evaluation	not determined		
Upper and lower explosi	ve limits		
Remarks	not determined		
Flash point			
Value	70	°C	
Method	closed cup		
Ignition temperature			
Remarks	not determined		
Decomposition temperat	ure		
Remarks	not determined		
pH value			
Remarks	not determined		
Viscosity			
Remarks	not determined		
Solubility(ies)			
Remarks	not determined		
Partition coefficient n-oc	tanol/water (log value)		
Remarks	not determined		
Vapour pressure			
Remarks	not determined		
Density and/or relative d	ensity		
Value	1,04	g/cm ³	
Temperature	20 °C	-	
Relative vapour density			
Remarks	not determined		
9.2. Other information			
Odour threshold			
Remarks	not determined		
Evaporation rate (ether =	: 1) :		
Remarks	not determined		
Solubility in water			
Remarks	virtually insoluble		
Explosive properties	-		
evaluation	not determined		
Oxidising properties			

Safety data sheet in accordance	e with regulation (EC) No 1907/2006	Dreve
Trade name: FotoDent gingiva		
Substance number: 9390	Version: 1 / GB	Date revised: 28.08.2023
	Replaces Version: - / GB	Print date: 28.08.2023
Remarks	not determined	
Other information		
None known		
SI	ECTION 10: Stability and reactivi	ty
10.1. Reactivity		11. A. A.
	when stored and handled according to prescribe	a instructions.
10.2. Chemical stability No hazardous reactions	known.	
10.3. Possibility of hazard No hazardous reactions		
10.4. Conditions to avoid		
Protect from heat and dir 10.5. Incompatible materia	-	
None known		
10.6. Hazardous decompo	osition products	
	osition products	
10.6. Hazardous decompo Irritant gases/vapours		tion
10.6. Hazardous decompo Irritant gases/vapours	osition products CTION 11: Toxicological informat	tion
10.6. Hazardous decompo Irritant gases/vapours		
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity	CTION 11: Toxicological informated of the second state of the seco	C) No 1272/2008
10.6. Hazardous decompo Irritant gases/vapours	CTION 11: Toxicological information	C) No 1272/2008
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity ATE	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272	C) No 1272/2008
10.6. Hazardous decompo Irritant gases/vapours	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272	C) No 1272/2008
10.6. Hazardous decompo Irritant gases/vapours	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 hponents) rat (male)	C) No 1272/2008 (g 2/2008)
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazar Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 nponents) rat (male) > 5000 mg/k	C) No 1272/2008 (g 2/2008)
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50 Hydroxylpropyl methacry	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 ponents) rat (male) > 5000 mg/k	C) No 1272/2008 (g 2/2008)
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazar Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 nponents) rat (male) > 5000 mg/k	C) No 1272/2008 <g 2/2008)</g
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10.6. Hazardous decompo Irritant gases/vapours	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 ponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k	C) No 1272/2008 <g 2/2008)</g
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazar Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50 Hydroxylpropyl methacry Species LD50 Method 2-Hydroxyethyl acrylate Species	CTION 11: Toxicological information d classes as defined in Regulation (Ed > 10.000 mg/k calculated value (Regulation (EC) No. 1272 nponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k OECD 401 rat	C) No 1272/2008 (g (g
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50 Hydroxylpropyl methacry Species LD50 Method 2-Hydroxyethyl acrylate Species LD50	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 ponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k OECD 401 rat 540 mg/k	C) No 1272/2008 (g (g
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50 Hydroxylpropyl methacry Species LD50 Method 2-Hydroxyethyl acrylate Species LD50 Phenyl bis(2,4,6-trimethy)	CTION 11: Toxicological information d classes as defined in Regulation (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 hponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k OECD 401 mg/k vlbenzoyl)-phosphine oxide	C) No 1272/2008 (g (g
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50 Hydroxylpropyl methacry Species LD50 Method 2-Hydroxyethyl acrylate Species LD50 Phenyl bis(2,4,6-trimethy Species	CTION 11: Toxicological information d classes as defined in Regulation (Ed > 10.000 mg/k calculated value (Regulation (EC) No. 1272 hponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k OECD 401 mg/k vlbenzoyl)-phosphine oxide rat	C) No 1272/2008 (g (g
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10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity ATE Method Acute oral toxicity (Com Isodecylmethacrylate Species LD50 Hydroxylpropyl methacry Species LD50 Hydroxyethyl acrylate Species LD50 Method 2-Hydroxyethyl acrylate Species LD50 Phenyl bis(2,4,6-trimethy Species LD50 Method Diethylene glycol dimeth Species	CTION 11: Toxicological information (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 nponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k OECD 401 rat 540 mg/k OECD 401 rat > 2000 mg/k acrylate rat	C) No 1272/2008 ^{(g} (g (g (g (g
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazar Acute oral toxicity ATE Method Acute oral toxicity (Com IsodecyImethacrylate Species LD50 HydroxyIpropyI methacry Species LD50 Method 2-HydroxyethyI acrylate Species LD50 PhenyI bis(2,4,6-trimethy Species LD50 Method Diethylene glycol dimeth Species LD50 Method Diethylene glycol dimeth	CTION 11: Toxicological information d classes as defined in Regulation (Ed > 10.000 mg/k calculated value (Regulation (EC) No. 1272 nponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k OECD 401 rat 540 mg/k deccD 401 rat > 2000 mg/k deccD 401 rat > 2000 mg/k	C) No 1272/2008 ^{(g} (g (g (g (g
10.6. Hazardous decompo Irritant gases/vapours SEC 11.1 Information on hazard Acute oral toxicity ATE Method Acute oral toxicity (Com IsodecyImethacrylate Species LD50 HydroxyIpropyI methacry Species LD50 Hydroxyethyl acrylate Species LD50 Phenyl bis(2,4,6-trimethy) Species LD50 Method Diethylene glycol dimeth Species	CTION 11: Toxicological information (EC > 10.000 mg/k calculated value (Regulation (EC) No. 1272 nponents) rat (male) > 5000 mg/k vlate rat >= 2000 mg/k OECD 401 rat 540 mg/k OECD 401 rat > 2000 mg/k acrylate rat	C) No 1272/2008 ^{(g} ^{(g} ^{(g} ^{(g} ^{(g}

rade name: FotoDent gingiva					
ubstance number: 9390		Versio	n: 1 / GB		Date revised: 28.08.20
		Replac	ces Version: - / G	βB	Print date: 28.08.20
Method	calcula	ated value	(Regulation (EC	;) No. 1272/2008)
Acute dermal toxicity ((,	/
Isodecylmethacrylate	•				
Species	rabbit				
LD50	>	3000		mg/kg	
Hydroxylpropyl methacr	-				
Species LD50	rabbit	5000		ma/ka	
	>	5000		mg/kg	
2-Hydroxyethyl acrylate Species	rat				
LD50	>	1000		mg/kg	
Method	OECD				
Phenyl bis(2,4,6-trimethy	/lbenzoyl)-p	hosphine	e oxide		
Species	rat	•			
LD50	>	2000		mg/kg	
Method	OECD	402			
Acute inhalational toxic	•				
Remarks			ble data, the clas	sification criteria	a are not met.
Acute inhalative toxicity	y (Compon	ents)			
IsodecyImethacrylate					
Species	rat				
LCLo	>	0,9		mg/l	
Duration of exposure		1	h		
Skin corrosion/irritatior					
Remarks			ble data, the clas	sification criteria	a are not met.
Skin corrosion/irritatior	n (Compon	ents)			
Isodecylmethacrylate					
Species	rabbit				
evaluation	slightly	rirritant			
2-Hydroxyethyl acrylate					
Species evaluation	rabbit corrosi				
		ve			
Serious eye damage/irr					
evaluation Remarks	irritant	assification	n criteria are met	ŀ	
Serious eye damage/irr	•	mponen	13)		
Hydroxylpropyl methacr					
Species evaluation	rabbit slightly	, irritant			
2-Hydroxyethyl acrylate	Signity	man			
Species	rabbit				
evaluation	corrosi	ve			
Sensitization					
evaluation	May ca	ause sens	itization by skin o	contact.	
Remarks			n criteria are met		
Sensitization (Compone	ents)				
Hydroxylpropyl methacr	•				
Species	mouse	1			
evaluation	non-se				

Substance number: 9390 Yersion: 1/GB Date revised: 24.08 Replaces Version: -/GB Print date: 24.08 Method OECD 429 Remarks May cause sensitization by skin contact. Print date: 24.08 Species Species mouse evaluation Sensitizing Phenyl bis(24,64-trimethylbenzoyl) phosphine oxide Route of exposure Route of exposure dermal Systeino genisitizing Phenyl bis(24,64-trimethylbenzoyl) phosphine oxide Route of exposure Route of exposure dermal Systeino genisitizing Phenyl bis(24,64-trimethylbenzoyl) Bosphine oxide Route of exposure dermal Systeino genisitizing Method OECD 429 Subactuct, subchronic, chronic toxicity Remarks Remarks not determined Mutagenicity Method OECD 429 Method OECD 429 Remarks not determined Mutagenicity Remarks Based on available data, the classification criteria are not met. Specific Target Organ Toxicity (STOT) Single exposure Based on available data, the classification criteria are not met. Specific Target Organ properties with respect to humans Based o	Trade name: FotoDent gingiva		
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12.1. Toxicity General information			
General information	SE	CTION 12: Ecological informatic	on and a second s
General information	12.1. Toxicity		
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not determined	not determined		
Fish toxicity (Components)		-c)	

Safety data sheet in accordance	with regulation (EC)) No 1907/2006		Dreve
Frade name: FotoDent gingiva				
Substance number: 9390	Version: 1 / GB			Date revised: 28.08.202
	Replace	es Version: - / GE	3	Print date: 28.08.20
IsodecyImethacrylate				
Species	golden orfe (Leud	ciscus idus)		
LC50	470	,	mg/l	
Duration of exposure	48 DIN 20440 / David	h		
Method	DIN 38412 / Part	15		
Hydroxylpropyl methacryl Species	golden orfe (Leuc	siecue idue)		
LC50	493	liscus iuus)	mg/l	
Duration of exposure	48	h	iiig/i	
Method	DIN 38412 / Part	15		
2-Hydroxyethyl acrylate				
Species	Fathead minnow	(Pimephales pror	·	
LC50	4,8	L.	mg/l	
Duration of exposure	96	h 		
Phenyl bis(2,4,6-trimethyl				
Species LC50	zebra fish (Brach > 90	yuanio renoj	µg/l	
Duration of exposure	96	h	P9/1	
Method	OECD 203			
Diethylene glycol dimetha	crylate			
LC50	48,787		mg/l	
Duration of exposure	96	h		
Method Source	QSAR ECHA			
Diethylene glycol dimetha				
NOEC	4,353		mg/l	
Duration of exposure	60	d	iiig/i	
Method	QSAR			
Source	ECHA			
Daphnia toxicity (Compo	onents)			
IsodecyImethacrylate				
Species	Daphnia magna			
NOEC	54,2	d	µg/l	
Duration of exposure Method	21 OECD 211	d		
Hydroxylpropyl methacryl				
Species	Daphnia magna			
EC50	> 143		mg/l	
Duration of exposure	48	h	U U	
Method	OECD 202			
Hydroxylpropyl methacryl				
Species NOEC	Daphnia magna		~~~/l	
Duration of exposure	45,2 21	d	mg/l	
Method	OECD 211	~		
2-Hydroxyethyl acrylate				
Species	Daphnia magna			
EC50	9,3		mg/l	
Duration of exposure	48	h		
Method	OECD 202			
2-Hydroxyethyl acrylate Species	Danhnia magna			
NOEC	Daphnia magna 0,86		mg/l	
	0,00			

rade name: FotoDent gingiva				
ubstance number: 9390	Versio	n: 1 / GB		Date revised: 28.08.20
	Replac	ces Version: - / GB		Print date: 28.08.20
Duration of exposure	21	d		
Method	OECD 211			
Phenyl bis(2,4,6-trimethyl		e oxide		
Species EC50	Daphnia magna > 1175		µg/l	
Duration of exposure	48	h	P9/1	
Method	OECD 202			
Phenyl bis(2,4,6-trimethyl		e oxide		
Species	Daphnia magna	o onido		
NOEC	>= 8,1		µg/l	
Duration of exposure	21	d		
Method	OECD 211			
Diethylene glycol dimetha	crylate			
LC50	38,331		mg/l	
Duration of exposure	48	h		
Method	QSAR			
Source	ECHA			
Diethylene glycol dimetha	-			
NOEC	3,748		mg/l	
Duration of exposure	21	d		
Method	QSAR			
Source	ECHA			
Algae toxicity (Compone	nts)			
Isodecylmethacrylate				
Species	Scenedesmus s	ubspicatus		
NOEC	12,0		µg/l	
Duration of exposure	72	h		
Method	OECD 201			
Hydroxylpropyl methacryl				
Species	Pseudokirchneri	ella subcapitata	/l	
EC50	> 97,2 72	h	mg/l	
Duration of exposure Method	OECD 201	h		
2-Hydroxyethyl acrylate Species	Pseudokirchneri	ella subcanitata		
ErC50	6	ona Subcapitata	mg/l	
Duration of exposure	72	h		
Method	OECD 201			
Phenyl bis(2,4,6-trimethyl		e oxide		
Species	Scenedesmus s			
EC50	> 260		µg/l	
Duration of exposure	72	h		
Method	OECD 201			
Diethylene glycol dimetha				
EC50	0,416		mg/l	
Duration of exposure Source	96 ECHA	h		
Bacteria toxicity (Compo				
Isodecylmethacrylate	FOO		ma/l	
EC10 Method	500 OECD 209		mg/l	
2-Hydroxyethyl acrylate				

Trade name: FotoDent gingiva				
Substance number: 9390	Versio	n: 1 / GB		Date revised: 28.08.202
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EC10 >	> 100		mg/l	
Duration of exposure	72	h		
Phenyl bis(2,4,6-trimethylbenz				
Species a EC50 >	activated sludge > 100	•	mg/l	
Duration of exposure	3	h	ilig/i	
	DECD 209			
Diethylene glycol dimethacryla				
IC50	1280		mg/l	
Duration of exposure Source E	48 ECHA	h		
12.2. Persistence and degrada				
General information	~			
not determined				
Biodegradability (Componen	ts)			
Isodecylmethacrylate				
Value	62		%	
Duration of test	28	d		
	not readily degra			
Phenyl bis(2,4,6-trimethylbenz Value	oyi)-pnospnine	eoxide	%	
Duration of test	28	d	70	
evaluation r	not degradable			
Ready degradability (Compo	nents)			
Hydroxylpropyl methacrylate				
Value	81	_	%	
Duration of test	28	Days		
2-Hydroxyethyl acrylate Value	80		%	
Duration of test	28	d	70	
Diethylene glycol dimethacryla		-		
	ECHA			
12.3. Bioaccumulative potentia	al			
General information				
not determined				
Partition coefficient n-octand	ol/water (log v	value)		
Remarks	not determine	•		
Octanol/water partition coeff	icient (log Po	w) (Compon	ents)	
Hydroxylpropyl methacrylate		•	-	
log Pow	0,97			
Temperature	20	°C		
2-Hydroxyethyl acrylate	0.47	,		
log Pow Temperature	-0,17 25	°C		
Phenyl bis(2,4,6-trimethylbenz		-		
log Pow	5,8			
Diethylene glycol dimethacryla	-			
log Pow	1,93			
Temperature	25	°C		

Trade name: FotoDent gingiva		
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Source	ECHA	
12.4. Mobility in soil		
General information		
not determined		
12.5. Results of PBT and vi	PvB assessment	
General information		
not determined		
Results of PBT and vPvB		
The product contains no P The product contains no v		
12.6 Endocrine disrupting		
	properties operties with respect to the envrionment	
	ain a substance that has endocrine disrupting p	
target organisms.	1 01	
12.7. Other adverse effects		
General information		
not determined	_	
General information / eco	blogy waterways or waste water canal. Avoid release	into the atmosphere
Do not allow to enter soll,	water ways of waste water canal. Avoid release	into the atmosphere.
SEC	TION 13: Disposal consideratio	ons
13.1. Waste treatment meth	nods	
Disposal recommendatio	ns for the product	
Must not be disposed toge	ther with household garbage.	
Dispose of waste accordin		
Disposal recommendatio		to
-	cleaned should be disposed off as product was	te.
Packaging that cannot be		
Packaging that cannot be	cleaned should be disposed off as product was	
Packaging that cannot be	cleaned should be disposed off as product was	
Packaging that cannot be	cleaned should be disposed off as product was	
Packaging that cannot be	cleaned should be disposed off as product was	
Packaging that cannot be	cleaned should be disposed off as product was	
Packaging that cannot be	cleaned should be disposed off as product was	

ade name: FotoDent ging	iva			
ubstance number: 9390	Version:	Date revised: 28.08.20		
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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA	
14.1. UN number or ID number	3082	3082	3082	
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isodecylmethacrylate, 2- Hydroxyethyl acrylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isodecylmethacrylate, 2- Hydroxyethyl acrylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isodecylmethacrylate, 2- Hydroxyethyl acrylate)	
14.3. Transport hazard class(es)	9	9	9	
Label		×		
14.4. Packing group	ш	Ш	Ш	
Remarks	The product is not subject to any other provisions of ADR provided packaging of not more than 5 I / 5 kg	The product can be transported in accordance with IMDG Code paragraph 2.10.2.7, provided packaging not more than 5 I / 5 kg.	The product is not subject to any other provisions of IATA provided packaging of not more than 5 I / 5 kg (A197)	
Limited Quantity	51	51		
Transport category	3			
14.5. Environmental hazards	-			
Tunnel restriction code	-			
	SECTION 15: Reg	ulatory information		
5.2. Chemical safety For this preparatio	assessment	ent has not been carried out.		
	SECTION 16: O	ther information		

Classification (Regulation (EC) No. 1272/2008) Eye Irrit. 2 Skin Sens. 1A

H319 H317 H411 Calculation method Calculation method Calculation method

Hazard statements listed in Chapter 2/3

H311Toxic in contact with skin.H314Causes severe skin burns and eye damage.

Aquatic Chronic 2

Trade name: FotoDent gingiva			
0.0			
Substance number: 9390	Version: 1 / GB	Date revised: 28.08.202	
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H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H335	May cause respiratory irritation.		
H400	Very toxic to aquatic life.		
H410	Very toxic to aquatic life with long lasting effect	S.	
H411	Toxic to aquatic life with long lasting effects.		
H413	May cause long lasting harmful effects to aqua	tic life.	
CLP categories listed in	n Chapter 2/3		
Acute Tox. 3	Acute toxicity, Category 3		
Aquatic Acute 1	Hazardous to the aquatic environment, acute, (Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic	, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic	, Category 2	
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic	, Category 4	
Eye Irrit. 2	Eye irritation, Category 2		
Skin Corr. 1B	Skin corrosion, Category 1B		
Skin Irrit. 2	Skin irritation, Category 2		
Skin Sens. 1	Skin sensitization, Category 1		
Skin Sens. 1A	Skin sensitization, Category 1A		
Skin Sens. 1B	Skin sensitization, Category 1B		
STOT SE 3	Specific target organ toxicity - single exposure,	Category 3	

al information

Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.