

**ANA Fulfill**

Revision date: 14.12.2017

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

ANA Fulfill

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

medical use

**Uses advised against**

No information available.

**1.3. Details of the supplier of the safety data sheet**

Company name:	dent a pharm Produktionsges.mbH	
Street:	Schusterring 35	
Place:	D-25355 Barmstedt	
Telephone:	+49 (0) 4123-9225-0	Telefax: +49 (0) 4123-9228-49
e-mail:	info@dent-a-pharm.de	
e-mail (Contact person):	info@dent-a-pharm.de	
Internet:	www.wpdental.de	
Responsible Department:	info@dent-a-pharm.de	

**1.4. Emergency telephone number:** +49(0) 551 - 1 92 40 (GIZ-Nord, 24h)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Causes serious eye damage.

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

Bisphenol-A-bis-(2-hydroxypropyl)methacrylat

**Signal word:** Danger**Pictograms:****Hazard statements**

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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P310	present and easy to do. Continue rinsing.
P333+P313	Immediately call a POISON CENTER/doctor.
P362+P364	If skin irritation or rash occurs: Get medical advice/attention.
P501	Take off contaminated clothing and wash it before reuse.
	Dispose of waste according to applicable legislation.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**
**3.2. Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
1565-94-2	Bisphenol-A-bis-(2-hydroxypropyl)methacrylat	5 - <10 %
	Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 1; H302 H318 H317 H410	

Full text of H and EUH statements: see section 16.

**Further Information**

No information available.

**SECTION 4: First aid measures**
**4.1. Description of first aid measures****General information**

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After inhalation**

Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration.  
Seek medical advice immediately.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Seek medical advice immediately.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water.  
Call a physician immediately.  
Do NOT induce vomiting.

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

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

First Aid, decontamination, treatment of symptoms.

**SECTION 5: Firefighting measures**
**5.1. Extinguishing media**

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### **Suitable extinguishing media**

Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). alcohol resistant foam. Water spray jet

### **Unsuitable extinguishing media**

High power water jet

### **5.2. Special hazards arising from the substance or mixture**

Carbon monoxide Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>)

### **5.3. Advice for firefighters**

Special protective equipment for firefighters Protective clothing.

In case of fire: Wear self-contained breathing apparatus.

Co-ordinate fire-fighting measures to the fire surroundings.

### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

## SECTION 6: Accidental release measures

### **6.1. Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

Personal protection equipment: see section 8

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Cover drains.

### **6.3. Methods and material for containment and cleaning up**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

### **6.4. Reference to other sections**

See protective measures under point 7 and 8.

Disposal: see section 13

## SECTION 7: Handling and storage

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

See section 8.

Wear personal protection equipment (refer to section 8).

Keep container tightly closed.

Avoid contact with skin, eyes and clothes.

Do not breathe gas/vapour.

#### **Advice on protection against fire and explosion**

Use only in well-ventilated areas.

### **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. Keep/Store only in original container.

#### **Advice on storage compatibility**

No special measures are necessary.

#### **Further information on storage conditions**

No special measures are necessary.

### **7.3. Specific end use(s)**

No information available.

## SECTION 8: Exposure controls/personal protection

### **8.1. Control parameters**

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**8.2. Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation as well as local exhaustion at critical locations.

**Protective and hygiene measures**

- Avoid contact with skin, eyes and clothes.
- Only wear fitting, comfortable and clean protective clothing.
- Wash hands before breaks and after work.
- Take off contaminated clothing and wash it before reuse.
- When using do not eat, drink, smoke, sniff.

**Eye/face protection**

goggles

**Hand protection**

- Tested protective gloves must be worn: DIN EN 374
- NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber), PVC
- Thickness of the glove material  $\geq 0,4$  mm
- Breakthrough times and swelling properties of the material must be taken into consideration.
- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Wearing time with occasional contact (splashes): max. 480 min.
- Wearing time with permanent contact 240 - 480 min
- Observe the wear time limits as specified by the manufacturer.

**Skin protection**

Protective clothing.

**Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device (full mask or mouthpiece) with filter: ABEK P2

**Environmental exposure controls**

No information available.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	light yellow
Odour:	odourless

**Test method**

pH-Value: not applicable

**Changes in the physical state**

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	110 °C

**Flammability**

Solid:	not determined
Gas:	not determined

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**Explosive properties**

not explosive according to EU A.14

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Ignition temperature: not determined

**Auto-ignition temperature**

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

No information available.

Vapour pressure: <1 hPa  
(at 20 °C)

Vapour pressure: not determined

Density: not determined

Bulk density: not determined

Water solubility: practically insoluble

**Solubility in other solvents**

No information available.

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity**
**10.1. Reactivity**

In case of light influence: Polymerisation

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

Light, UV-radiation/sunlight

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No information available.

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

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**Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
1565-94-2	Bisphenol-A-bis-(2-hydroxypropyl)methacrylat			
	oral	ATE 500 mg/kg		

**Irritation and corrosivity**

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

May cause an allergic skin reaction. (Bisphenol-A-bis-(2-hydroxypropyl)methacrylat)

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

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

No information available.

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

**Contaminated packaging**

Dispose of waste according to applicable legislation.

**SECTION 14: Transport information**
**Land transport (ADR/RID)****14.1. UN number:**

UN 3077

**14.2. UN proper shipping name:**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Bisphenol-A-bis-(2-hydroxypropyl)methacrylat)

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<b><u>14.3. Transport hazard class(es):</u></b>	9
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	9
Classification code:	M7
Special Provisions:	274 335 375 601
Limited quantity:	5 kg
Excepted quantity:	E1
Transport category:	3
Hazard No:	90
Tunnel restriction code:	-

**Inland waterways transport (ADN)**

<b><u>14.1. UN number:</u></b>	UN 3077
<b><u>14.2. UN proper shipping name:</u></b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A-bis-(2-hydroxypropyl)methacrylat)
<b><u>14.3. Transport hazard class(es):</u></b>	9
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	9
Classification code:	M7
Special Provisions:	274 335 375 601
Limited quantity:	5 kg
Excepted quantity:	E1

**Marine transport (IMDG)**

<b><u>14.1. UN number:</u></b>	UN 3077
<b><u>14.2. UN proper shipping name:</u></b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A-bis-(2-hydroxypropyl)methacrylat)
<b><u>14.3. Transport hazard class(es):</u></b>	9
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	9
Marine pollutant:	P
Special Provisions:	274, 335, 966, 967, 969
Limited quantity:	5 kg
Excepted quantity:	E1
EmS:	F-A, S-F

**Air transport (ICAO-TI/IATA-DGR)**

<b><u>14.1. UN number:</u></b>	UN 3077
<b><u>14.2. UN proper shipping name:</u></b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A-bis-(2-hydroxypropyl)methacrylat)
<b><u>14.3. Transport hazard class(es):</u></b>	9
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	9
Special Provisions:	A97 A158 A179 A197
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y956
Excepted quantity:	E1
IATA-packing instructions - Passenger:	956
IATA-max. quantity - Passenger:	400 kg
IATA-packing instructions - Cargo:	956
IATA-max. quantity - Cargo:	400 kg

**14.5. Environmental hazards**

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ENVIRONMENTALLY HAZARDOUS:           yes  
 Danger releasing substance:            Bisphenol-A-bis-(2-hydroxypropyl)methacrylat

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No information available.

## 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):           2 - clearly water contaminating

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road )  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
 (Regulations Concerning the International Transport of Dangerous Goods by Rail )  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO: International Civil Aviation Organization  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 EC50: Effectice concentration, 50 percent  
 DNEL: Derived No Effect Level  
 PNEC: Predicted No Effect Concentration  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

**Relevant H and EUH statements (number and full text)**

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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