

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DeltaFil-Liquid**

Revision date: 18.02.2021

Product code: 4250

Page 1 of 4

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

DeltaFil-Liquid

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

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Special labelling of certain mixtures**

EUH210 Safety data sheet available on request.

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

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
87-69-4	acidum tartaricum			5-10 %
	201-766-0			
	Eye Irrit. 2; H319			

Full text of H and EUH statements: 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**

Medical treatment necessary.

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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**DeltaFil-Liquid**

Revision date: 18.02.2021

Product code: 4250

Page 2 of 4

**Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).**Unsuitable extinguishing media**

High power water jet.

**Additional information**

The product itself does not burn.

**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 allow to enter into surface water or drains.

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

Take up 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 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****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).

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

Physical state:	liquid
Colour:	colourless
Odour:	neutral
pH-Value (at 23 °C):	2
<b>Changes in the physical state</b>	
Initial boiling point and boiling range:	100 °C
point of decomposition:	> 200 °C
Flash point:	> 100 °C
Density (at 23 °C):	1.2 g/cm <sup>3</sup>

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DeltaFil-Liquid**

Revision date: 18.02.2021

Product code: 4250

Page 3 of 4

Water solubility:  
(at 23 °C) > 500 g/L

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

heat.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Gas / vapours, irritant. (Acrylate., pungent)

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

	Dose	Species	Source
LD50, oral	6845 mg/kg	Rat	ATEmix calculated:

**Irritation and corrosivity**

Irritant effect on the eye: irritant.

Frequently or prolonged contact with skin may cause dermal irritation.

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

Product is partially biodegradable. (appr. 70 %)

Acute fish toxicity LC50: &gt; 100 mg / l / 96 h

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

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.

**List of Wastes Code - 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 hazardous substances; hazardous waste

**List of Wastes Code - used product**

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 hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

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 hazardous substances; hazardous waste

**SECTION 14: Transport information**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DeltaFil-Liquid**

Revision date: 18.02.2021

Product code: 4250

Page 4 of 4

**Other applicable information**

No dangerous good in sense of these transport regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water hazard class (D): 3 - strongly hazardous to water

**SECTION 16: Other information****Relevant H and EUH statements (number and full text)**

H319	Causes serious eye irritation.
EUH210	Safety data sheet available on request.

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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**DeltaFil-Powder**

Revision date: 18.02.2021

Product code: 4200

Page 1 of 4

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

DeltaFil-Powder

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

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements****SECTION 3: Composition/information on ingredients****3.2. Mixtures****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. Seek medical attention if problems persist.

**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**

Call a physician immediately.

**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**

Provide adequate ventilation.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

Take up mechanically.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DeltaFil-Powder**

Revision date: 18.02.2021

Product code: 4200

Page 2 of 4

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with eyes. Provide adequate ventilation.

**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.**Further information on storage conditions**

The following must be prevented: moisture.

**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
1309-37-1	Iron oxide, fume (as Fe)	-	5		TWA (8 h)	WEL
		-	10		STEL (15 min)	WEL

**Additional advice on limit values**Do not breathe dust. MAK/MAC: 6 mg/m<sup>3</sup>**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation.

**Protective and hygiene measures**

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.

Filtering device (full mask or mouthpiece) with filter: P1

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

Physical state: Powder  
 Colour: white  
 Odour: odourless  
 pH-Value: 2

**Changes in the physical state**

Melting point: Mixture not tested.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DeltaFil-Powder**

Revision date: 18.02.2021

Product code: 4200

Page 3 of 4

Initial boiling point and boiling range: Mixture not tested.  
 point of decomposition: > 200 °C  
 Flash point: > 100 °C

**Explosive properties**

not applicable

Ignition temperature: Mixture not tested.

Vapour pressure: Mixture not tested.  
(at 20 °C)

Water solubility: Mixture not tested.

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

heat.

Decomposition takes place from temperatures above: 200 °C

**10.5. Incompatible materials**

moisture.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Gas / vapours, irritant. (Acrylate., pungent)

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

	Dose	Species	Source
LD50, oral	5000 mg/kg	Rat	ATEmix calculated:

**Irritation and corrosivity**

Frequently or prolonged contact with skin may cause dermal irritation.

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

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

Preparation not tested.

**12.4. Mobility in soil**

Preparation not tested.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

**List of Wastes Code - 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 hazardous substances; hazardous waste

**SECTION 14: Transport information****Other applicable information**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### DeltaFil-Powder

Revision date: 18.02.2021

Product code: 4200

Page 4 of 4

No dangerous good in sense of these transport regulations.

#### SECTION 15: Regulatory information

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

###### National regulatory information

Water hazard class (D): - - non-hazardous to water

#### SECTION 16: Other information

##### Further Information

-

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