

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**FlairesseProphylaxisPaste**

Print date: 21.04.2016

Product code: 6145

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

FlairesseProphylaxisPaste

**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 Directive 67/548/EEC or 1999/45/EC**

This mixture is not classified as hazardous according to Directive 1999/45/EC.

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

Hazard categories:

Acute toxicity: Acute Tox. 3

Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

May be corrosive to metals.

Harmful if swallowed.

**2.2. Label elements**

Signal word:	Warning
Pictograms:	GHS07

**Hazard statements**

H290	May be corrosive to metals.
H302	Harmful if swallowed.

**Precautionary statements**

P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330	Rinse mouth.
P501	Dispose of contents/container to ....

**Special labelling of certain mixtures**

EUH031	Contact with acids liberates toxic gas.
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**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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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		
231-667-8	sodium fluoride	< 3 %
7681-49-4	T - Toxic, Xi - Irritant R25-36/38-32	
009-004-00-7	Acute Tox. 3, Eye Irrit. 2, Skin Irrit. 2; H301 H319 H315 EUH032	
231-633-2	Phosphoric acid ... %; orthophosphoric acid	< 3 %
7664-38-2	C - Corrosive R34	
015-011-00-6	Skin Corr. 1B; H314	

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**

not applicable

**After contact with skin**

Wash with generous amount of water.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Immediately get medical attention.

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

Material is not combustible.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing.

**6.2. Environmental precautions**

Do not empty into drains or the aquatic environment.

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

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.

**Further information on handling**

Ensure adequate ventilation of the storage area.

**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.

**Advice on storage compatibility**

Do not store together with: acid. Alkalis (alkalis).

**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
16984-48-8	Fluoride (inorganic as F)	-	2.5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
7664-38-2	Orthophosphoric acid	-	1		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

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

When using do not eat or drink.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Wear suitable gloves.: NBR (Nitrile rubber). Butyl rubber.

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

Physical state: Jelly / Paste  
Colour: diverse  
Odour: diverse

**Test method**

pH-Value: 3.5 - 8

**Changes in the physical state**

Flash point: not applicable  
Lower explosion limits: not applicable  
Upper explosion limits:  
Ignition temperature: not applicable  
Water solubility: partially soluble  
Vapour density: < 1

**SECTION 10: Stability and reactivity**

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**10.5. Incompatible materials**

acid. Alkalis (alkalis).

**10.6. Hazardous decomposition products**

Fluorhydric acid. , COx

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

sodium fluoride  
 ORL MUS LD50 57 mg/kg  
 ORL RAT LD50 52 mg/kg  
 SCU RAT LD50 175 mg/kg

Phosphoric acid ... %; orthophosphoric acid  
 ORL RAT LD50 1530 mg/kg

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
7681-49-4	sodium fluoride				
	oral	LD50	52 mg/kg	Rat	RTECS

**Irritation and corrosivity**

Irritant effect on the eye: Causes burns.  
 After skin contact: Causes burns.  
 After ingestion: Causes burns. Nature of Hazard: Stomach perforation.

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

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
7681-49-4	sodium fluoride					
	Acute fish toxicity	LC50	925 mg/l	96 h	Gambusia affinis	
	Acute algae toxicity	ErC50	850 mg/l	72 h	Desmodesmus subspicatus	
	Acute crustacea toxicity	EC50	338 mg/l	48 h	Daphnia magna	IUCLID
7664-38-2	Phosphoric acid ... %; orthophosphoric acid					
	Acute fish toxicity	LC50	138 mg/l	96 h	Gambusia affinis	

**Further information**

Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

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

Remove according to the regulations.

**Waste disposal number of waste from residues/unused products**

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- 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****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information****SECTION 16: Other information****Relevant R-phrases (Number and full text)**

- |       |  |
|-------|--|
| 25    | Toxic if swallowed.                          |
| 32    | Contact with acids liberates very toxic gas. |
| 34    | Causes burns.                                |
| 36/38 | Irritating to eyes and skin.                 |

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

- |        |  |
|--------|--|
| H290   | May be corrosive to metals.                  |
| H301   | Toxic if swallowed.                          |
| H302   | Harmful if swallowed.                        |
| H314   | Causes severe skin burns and eye damage.     |
| H315   | Causes skin irritation.                      |
| H319   | Causes serious eye irritation.               |
| EUH031 | Contact with acids liberates toxic gas.      |
| EUH032 | Contact with acids liberates very toxic gas. |

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