

Safety Data Sheet

according to Regulation (EC) No 1907/2006

FlairesseProphylaxisGel

Print date: 20.04.2016

Product code: 6145

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

FlairesseProphylaxisGel

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 ³	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.)