

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Flairesse Prophylaxis Paste

Print date: 17.08.2011

MSDS: 6145

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1. Identification of the substance/mixture and of the company/undertaking**Identification of the substance or mixture**

Flairesse Prophylaxis Paste

Company/undertaking identification

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
Internet:	www.dmg-dental.com	e-mail:	info@dmg-dental.com

2. Hazards identification**Classification**

Indications of danger : Harmful

R-phrases:

Harmful if swallowed.

3. Composition/information on ingredients**Chemical characterization (Mixture)****Hazardous components**

EC No.	CAS No.	Chemical name	Quantity	Classification
231-667-8	7681-49-4	sodium fluoride	< 3 %	T, Xi R25-36/38-32
231-633-2	7664-38-2	phosphoric acid ... %, orthophosphoric acid ... %	< 3 %	C R34

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures**After inhalation**

not applicable

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

Immediately get medical attention.

5. Fire-fighting measures**Additional information**

Material is not combustible.

6. Accidental release measures**Personal precautions**

Wear suitable protective clothing.

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Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

7. Handling and storage**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.

Storage**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).

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (EH40)**

CAS No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
16984-48-8	Fluoride (inorganic as F)	-	2.5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Exposure controls**Protective and hygiene measures**

When using do not eat or drink.

Hand protection

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

Eye protection

Tightly sealed safety glasses.

9. Physical and chemical properties**General information**

Physical state: Jelly / Paste

Colour: diverse

Odour: diverse

Important health, safety and environmental information

pH-Value:

3.5 - 8

Test method

Changes in the physical state

Flash point:

not applicable

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Lower explosion limits: not applicable
Upper explosion limits:
Water solubility: partially soluble
Vapour density: < 1

Other information

Ignition temperature: not applicable

10. Stability and reactivity

Materials to avoid

acid. Alkalis (alkalis).

Hazardous decomposition products

Fluorhydric acid. , COx

11. Toxicological information

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

Irritation and corrosivity

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

12. Ecological information

Further information

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

13. Disposal considerations

Advice on disposal

Remove according to the regulations.

Waste disposal number of waste from 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 dangerous substances
Classified as hazardous waste.

14. Transport information

15. Regulatory information

Labelling

Danger symbols: Xn - Harmful

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Hazardous components which must be listed on the label

sodium fluoride

R phrases

22 Harmful if swallowed.

National regulatory information**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

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

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