

MATERIAL SAFETY DATA SHEET

1. INTRODUCTORY AND COMPANY DETAILS

Product Name: Rhapsody Flow Prophylaxis Powder
Other Names: Rhapsody Flow
Recommended Use: For professional teeth cleaning, plaque and soft dental deposit removing, fissure cleaning before hermetization.

Company name: Queen Dental GmbH
Address: Neue Str. 67, 99846 Seebach, GERMANY
Telephone: +49 36929 139999
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2. HAZARDS IDENTIFICATION

Risk phrase:

Preparation is not rated hazardous according to Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	EINECS No.	Mass content	Symbol	R phrases
Sodium Bicarbonate	144-55-8		100%		

4. FIRST AID MEASURES

After inhalation Supply fresh air.
If discomfort persists, consult a doctor and keep the safety data sheet/label to hand.

After skin contact Immediately wash off with water.

After eye contact Keep eyes open and rinse them for several minutes with running water.

After swallowing Drink large quantities of water and milk
If discomfort persists, consult a doctor and keep the safety data sheet/label to hand.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents Product is non-flammable.
The surroundings must be taken into account when any extinguishing agent used.

Do not let the extinguishing agent enter the sewage system/surface water.

Unsuitable extinguishing agents Do not use full water jet.

Special hazards none known

Special protective equipment Wear respiratory protection independent of the environment.
Wear full-protection clothing.

6. ACCIDENTAL RELEASE MEASURES

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Personal precautionary measures	In case of large amounts: Wear respiratory protection, safety glasses, protective boots, protective gloves.
Environmental measures	The product must not enter the sewage system, waterways, subsoil and ground.
Cleaning procedure	Avoid the formation of dust. Use liquid-binding material (sand, universal binder, sawdust or paper towel) to absorb spilled product and dispose of according to point 13. Dispose of product according to point 13. Clean affected area.

7. HANDLING AND STORAGE

Handling

- Do not leave the container open
- Provide sufficient air exchange when dust is created.
- Keep away from reactive materials (see point 10).

Storage

- Do not store with acids.
- Store separate from drugs, foods or feed.
- Seal tight, store cool and dry.
- Preferably store in original containers.

Specified use

No data known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure threshold

Workplace threshold: The general dust restriction according to TRGS 900 applies.

Note

The above limits are taken from TRGS 900 (EH40/2002 Occupational Exposure Limits) and may be checked using measurements which ensure compliance with health and safety requirements. Proper use will limit exposure and should prevent prescribed limits for the workplace from being reached.

Limiting and monitoring exposure

Limiting and monitoring exposure at the workplace	Wash hands before breaks and at the end of the working day. Do not eat, drink or smoke at the workplace. Do not store with food, drinks or animal feed.
Respiratory protection	Not necessary if the room ventilation is sufficient. In case of exceptions: Use respiratory protection with particle filter P1 or P2; identifying colour: white (see also BGR 190).
Gloves	Not necessary if used properly. In case of direct skin contact, wear protective gloves made of natural rubber or latex, polychloroprene, nitrile rubber/latex, butyl rubber, fluorinated rubber or polyvinyl chloride.
Safety goggles	In case of dust formation, wear safety glasses (Ka- Vo Mat. No. 1.000.9006).

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Personal protective equipment Wear apron or lab coat.

Limiting and monitoring
environmental exposure No data known

9. PHYSICAL AND CHEMICAL PROPERTIES

General information	
Appearance	Shape: solid Colour: white
Odour	Odourless or flavoured
Important information on health, environmental protection and safety	
pH	approx. 8.1 at 50 g/l H ₂ O at 20°C
Boiling point	Not applicable

Important information on health, environmental protection and safety

Flashpoint	Not applicable
Flammability	Not flammable
Explosion hazard	non-explosive
Fire-promoting	not fire promoting
Properties	
Vapour pressure	Not applicable
Relative density	2.5 g/ml at 20 °C according to DIN 51757
Bulk density	Approximately 1,000 kg/m ³
Solubility	in water: Slightly water-soluble
Distribution coefficient	Not applicable
Viscosity	not specified
Vapour density	Not applicable
Evaporation speed	Not applicable

10. STABILITY AND REACTIVITY

Conditions to be avoided none known

Substances to be avoided Flammable upon contact with fluorine gases

Reaction with acids

Hazardous decomposition products On heating, calcium oxide and carbon dioxide form.

11. TOXICOLOGICAL INFORMATION

Inhalation	none known
Swallowing	none known
Skin contact	none known
Eye contact	none known

Note

If properly handled and used, the product is not injurious to health according to our experience and the information in our possession.

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12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Mobility	Slightly water-soluble
Persistence and biodegradability	Decomposes into minerals
Bioaccumulation potential	Not available
Other harmful effects	Water pollution class 1: slightly water polluting Do not allow to enter the sewerage system, surface water or surface

13. DISPOSAL CONSIDERATIONS

Note

Observe local and national regulations.

Waste code according to the European waste catalogue (national: Ordinance on the list of wastes AVV):

Note

Bag must be completely empty before disposal.
Recycle empty plastic bags and packaging cardboard.

Product	Not rated as a pollutant
Packaging cardboard	15 01 01 Paper and cardboard packaging
Emptied bags	20 01 04 Other plastics

14. TRANSPORT INFORMATION

Note

Not a hazardous substance as defined by the laws and international regulations.

Maritime traffic (IMDG)	-
Road and rail traffic (ADR/ RID)	-
Air traffic (ICAO/IATA)	-

15. REGULATORY INFORMATION

EU regulations

Not rated according to EC Directive.

National regulations

TRGS 905	CAS No.: not applicable
Malfunction V	not applicable
Restriction and prohibitions	-
Workplace identifications according to BGV A8	-

16. OTHER INFORMATION

Note

This information was compiled in good conscience according to our best knowledge. We make no claims in regard to completeness, and this document should only be understood by the user as a guideline. The information does not represent a warranted quality. We expressly refer to our sales and delivery conditions. Paper printouts and file copies may only be created for internal use. They are not subject to revision and updating.

Note

In case of contact or mixture with other products, check if other hazards may arise. The presented information does not free the user of the product from observing all guidelines regarding safety, hygiene, health and environmental protection.