

SAFETY DATA SHEET

Cream alginate

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

Product name : Cream alginate
Product type : Alginate based powder, dustfree.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Dental impression material.

Details of the supplier of the safety data sheet**National contact**

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 2031 CJ Haarlem
 The Netherlands

T +31 23 530 7700 E-Mail : dental@cavex.nl
 F +31 23 535 6482 Website : www.cavex.nl

National advisory body/Poison Centre/Emergency telephone number

Telephone number : +31 23 530 7700 (Office hours)

SECTION 2: Hazards identification**Classification of the substance or mixture**

Product definition : Powder.

See Section 11 for more detailed information on health effects and symptoms.

Label elements

Supplemental label elements : None.

Other hazards

Other hazards which do not result in classification : None.

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

SECTION 3: Composition/information on ingredients

Substance/mixture : Powder.

Product/ingredient name	Identifiers	%	Classification	
			Regulation (EC) No. 1272/2008 [CLP]	Type
Europe Tetra Sodium Pyrophosphate	CAS: 7722-88-5 EC: 231-767-1	0.5-1.0	H302, H318	-
Potassium Hexafluorotitanate	CAS: 16919-27-0 EC: 240-969-9	2-5	H302, H318	-
See Section 16 for the full text of the H statements declared above.				

Type

1: Occupational exposure limits, if available, are listed in Section 8.

No dangerous substances are released.

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SECTION 4: First aid measures

Description of first aid measures

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- Inhalation** : Not applicable.
- Skin contact** : Wash with soap and water.
- Ingestion** : No known significant effects or critical hazards. If you feel unwell, seek medical attention.
- Protection of first-aiders** : Not applicable.

Most important symptoms and effects, both acute and delayed

Potential acute health effects

- Eye contact** : Irritating to eyes.
- Inhalation** : The product contains no relevant dust particles. The surface of the diatomaceous earth is coated with paraffines.
- Skin contact** : Non-irritating (EU).
- Ingestion** : No known significant effects or critical hazards.

Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Not considered to be toxic to humans.
- Specific treatments** : Not applicable.

SECTION 5: Firefighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : No known significant effects or critical hazards.
- Hazardous thermal decomposition products** : Fluoride salt. carbon oxides (CO, CO₂)

Advice for firefighters

- Special protective actions for fire-fighters** : In a fire, decomposition may produce toxic gases/fumes.
- Special protective equipment for fire-fighters** : Wear appropriate respiratory protection.
- Additional information** : Non-flammable mixture.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Prevent formation of dust.
- For emergency responders** : Prevent formation of dust.
- Environmental precautions** : Avoid release to the environment.

Methods and materials for containment and cleaning up

- Small spill** : Use a shovel to transfer the material to a convenient waste disposal container.
- Large spill** : Avoid creating dusty conditions and prevent wind dispersal. Wear appropriate respiratory protection. Use a shovel to transfer the material to a convenient waste disposal container.

Reference to other sections

- : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

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SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Precautions for safe handling

- Protective measures** : Prevent formation of dust.
- Advice on general occupational hygiene** : Store in a dry place.
- Conditions for safe storage, including any incompatibilities** : No specific storage is required.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Europe No exposure limit value known.	

- Recommended monitoring procedures** : None.
- DNELs/DMELs** : No DNELs/DMELs available.
- PNECs** : No PNECs available

Exposure controls

- Appropriate engineering controls** : Prevent formation of dust.
- Individual protection measures**
 - Hygiene measures** : Wash thoroughly after handling.
 - Eye/face protection** : Safety glasses.
 - Skin protection**
 - Hand protection** : Nitrile gloves.
 - Body protection** : Lab coat.
 - Other skin protection** : No known significant effects or critical hazards.
 - Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.
- Environmental exposure controls** : Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance

- Physical state** : Solid. (Powder.)
- Colour** : Purple.
- Odour** : Sweetish.
- pH** : Not available.
- Melting point/freezing point** : No results available.
- Initial boiling point and boiling range** : No results available.
- Flash point** : No flammable ingredients present.
- Relative density** : Not determined.
- Solubility in water** : Partially soluble in cold water.
- Auto-ignition temperature** : No flammable ingredients present.
- Decomposition temperature** : No results available.
- Viscosity** : Testing not technically possible.
- Oxidising properties** : Not applicable.
- Other information** : No additional information.

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SECTION 10: Stability and reactivity

- Reactivity** : No additional information.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : None.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Information on toxicological effects

- Acute toxicity** : Very low toxicity to humans or animals.
- Irritation/Corrosion** : Based on available data, the classification criteria are not met.
- Sensitisation** : Based on available data, the classification criteria are not met.
- Mutagenicity** : Based on available data, the classification criteria are not met.
- Carcinogenicity** : Based on available data, the classification criteria are not met.
- Reproductive toxicity** : Based on available data, the classification criteria are not met.
- Teratogenicity** : Based on available data, the classification criteria are not met.

Potential acute health effects

- Eye contact** : Irritating to eyes.
- Inhalation** : The product contains no relevant dust particles. The surface of the diatomaceous earth is coated with paraffines.
- Skin contact** : Non-irritating (EU).
- Ingestion** : No known significant effects or critical hazards.

Potential chronic health effects : No known significant effects or critical hazards.

Other information : No additional information.

SECTION 12: Ecological information

- Toxicity** : No results available.
- Persistence and degradability** : No results available.
- Bioaccumulative potential** : No results available.
- Mobility in soil** : Not available.
- Results of PBT and vPvB assessment**
 - PBT** : Not applicable.
 - vPvB** : Not applicable.
- Other adverse effects** : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

Waste treatment methods

Product

- Methods of disposal** : Use a shovel to transfer the material to a convenient waste disposal container.
- Hazardous waste** : Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

Packaging

- Methods of disposal** : Use a shovel to transfer the material to a convenient waste disposal container.
- Special precautions** : Avoid breathing dust.

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SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class (es)	Not controlled under European ADR.	Not controlled under ADN (Europe).	Not controlled under IMDG.	Not controlled under IATA.
Packing group	-	-	-	-
Environmental hazards	-	-	-	-
Additional information	-	-	-	-

Special precautions for user : No special measures are required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

SECTION 15: Regulatory information

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

[EU Regulation \(EC\) No. 1907/2006 \(REACH\)](#)

[Annex XIV - List of substances subject to authorisation](#)

[Substances of very high concern](#)

None of the components are listed.

[National regulations](#)

Not applicable.

Chemical Safety Assessment : No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

📄 Indicates information that has changed from previously issued version.

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 DMEL = Derived Minimal Effect Level
 DNEL = Derived No Effect Level
 EUH statement = CLP-specific Hazard statement
 PBT = Persistent, Bioaccumulative and Toxic
 PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number
 vPvB = Very Persistent and Very Bioaccumulative

[Procedure used to derive the classification according to Regulation \(EC\) No. 1272/2008 \[CLP/GHS\]](#)

Classification	Justification
Not classified.	

[Europe](#)

Full text of abbreviated H statements : H302 - Harmful if swallowed.
 H318 - Causes serious eye damage.

Full text of classifications [CLP/GHS] : H302 - ACUTE TOXICITY: ORAL Category 4.
 H318 - Irritant Category 1.

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SECTION 16: Other information

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[Notice to reader](#)

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