

SAFETY DATA SHEET**Tulip Alginate****1. Identification of the substance/preparation and of the company/undertaking**

Product name : **Tulip Alginate**

Emergency telephone number : Not applicable.

Material uses : Dental impression material.

Manufacturer : Cavex Holland
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The Netherlands

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2. Composition/information on ingredients

Substance/preparation : Preparation

Chemical name*	CAS no.	%	EC number	Classification
Inert fillers		50 - 70		Not classified.
Magnesium oxide	1309-48-4	1 - 5		Not classified.
Potassium hexafluorotitanate	16919-27-0	1 - 3	240-969-9	Xn; R22
See section 16 for the full text of the R-phrases declared above				

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : None.
Additional hazards : This product is not classified according to EU legislation.

Effects and symptoms

Skin contact : No significant irritation expected other than possible mechanical irritation.

4. First aid measures**First aid measures**

Inhalation : No special measures required.

Ingestion : Non-hazardous in case of ingestion.

Skin contact : Rinse with plenty of running water.

Eye contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

First aid facilities : Eyewash bottle with pure water

5. Fire-fighting measures**Extinguishing media**

Suitable : Use extinguishing media suitable for surrounding materials.

Not suitable : None.

Unusual fire/explosion hazards : None.

Special fire-fighting procedures : No special measures required.

Protection of fire-fighters : No special protection is required.

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6. Accidental release measures

- Personal precautions** : Dust protection mask.
Gloves.
- Environmental precautions and clean-up methods** : Use a shovel to transfer the material to a convenient waste disposal container.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : No special measures required.
- Storage** : No special measures required.
- Packaging materials**
- Suitable** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : No special measures required.
- Hygiene measures** : Not applicable.

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Inert fillers	Nationale MAC-lijst (Netherlands, 9/2000). TGG: 1 mg/m ³ 8 hour/hours. Form: Respirable dust
Magnesium oxide	EU OEL (Europe). TWA: 1 mg/m ³ 8 hour/hours. Form: Respirable dust
Potassium hexafluorotitanate	EU OEL (Europe). TWA: 1 mg/m ³ 8 hour/hours. Form: Respirable dust

- Recommended monitoring procedures** : This product is not classified according to EU legislation.

Personal protective equipment

- Respiratory system** : No special protection is required.
- Skin and body** : Lab coat.
- Hands** : Latex gloves.
- Eyes** : Safety glasses.

9. Physical and chemical properties

- Physical state** : Solid. (Powder.)
- Color** : Yellow.
- Odor** : Peppermint-like.
- Flash point** : Not applicable.
- Density** : Weighted average: 2.2g/cm³
- Solubility** : Very slightly soluble in cold water.

10. Stability and reactivity

- Stability** : The product is stable.

11. Toxicological information

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Potassium hexafluorotitanate	LD50	354 mg/kg	Oral	Rat

Local effects

- Skin irritation** : Slightly irritating to the skin.
- Eye irritation** : Mildly irritating to the eyes.
- Sensitization** : Non-sensitizer.

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12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Potassium hexafluorotitanate	Trout (LC50)	240 hour/hours	64 mg/l

Mobility : Product is not hazardous to water

13. Disposal considerations

Methods of disposal ; Waste residues information ; Contaminated packaging : Waste must be disposed of according to applicable regulations.

Waste classification : Not applicable.

European waste catalogue (EWC) : 18 01 06 Chemicals consisting of, or containing dangerous substances.

14. Transport information

International transport regulations

<u>Regulatory information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing group</u>	<u>Label</u>	<u>Additional information</u>
ADR/RID Class	Not regulated.	-	-	-		-
ADNR Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

15. Regulatory information

EU regulations

Risk phrases : This product is not classified according to EU legislation.

Product use : Dental impression material.

Additional warning phrases : None.

EU statistical classification (Tariff Code) : 32089091

National regulations

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - Netherlands : R20/22- Harmful by inhalation and if swallowed.
R37- Irritating to respiratory system.
R41- Risk of serious damage to eyes.

Full text of classifications referred to in sections 2 and 3 - Netherlands : Xn - Harmful
Xi - Irritant

History

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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