

### MATERIAL SAFETY DATA SHEET

#### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name:** Gingipass  
**Other Names:** n/a  
**Recommended Use:** For gum retraction and haemostatics

**Company name:** Nanoplant Höchst GmbH  
**Address:** Neue Str. 67, 99846 Seebach, GERMANY  
**Telephone:** +49 36929 5740 74  
**Fax:** +49 36929 5740 67

#### 2 - HAZARDS IDENTIFICATION

##### Classification of the substance or mixture:

Classification according to Directive 1999/45/EC

The cord has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

**Danger symbols** : C, Xi

**R phrases** : R36/38

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

**Health** : Skin Corrosion, Category 1A

##### Label elements

This cord contains Aluminum Chloride Hexahydrate. This material is considered hazardous as defined by the OSHA Hazard Communication Standard (29 CFR 1819.1200)

**Classification according to Directive 1999/45/EC**

##### Hazard pictogram(s)



C – Corrosive



Xi- Irritant

**R&S statement(s)** R36/38: Irritating to eyes and skin.

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

##### Hazard pictogram(s)



Corrosive



Exclamation

**Signal Word** WARNING

**Hazard statement(s)** H315: Causes skin irritation.

**Precautionary statement(s)**

**Prevention** P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response** P305: IF IN EYES:

P351: Rinse cautiously with water for several minutes.



P313: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

**Storage** P273: Avoid release to the environment.

**Disposal** P501: Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)

**Other hazards**

**Immediate concerns** : None

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Substances Not Applicable

Mixtures

Chemical Name	CAS	EINECS No.	Wt. %	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No 1272/2008 [CLP]
Aluminum Chloride Hexahydrate	7784-13-6	-	< 46	Xi; R36/37/38; R22	H413; H314; H335; H290; H318

For full text of H-statements and R-phrases: see SECTION 16.

### 4 - FIRST AID MEASURES

**Description of first aid measures**

**Following eyes** Flush eye with water for 15 minutes. Get medical attention.

**Following skin or persists.** Wash with soap and water. Get medical attention if irritation develops

**Following ingestion** No specific hazards are encountered under normal product use.

**Following inhalation** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**Most important symptoms and effects, both acute and delayed**

**Eyes** Causes eye irritation.

**Skin** Causes skin irritation.

**Ingestion** None expected for this product.

**Inhalation** None expected for this product.

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Not Applicable

### 5 - FIRE-FIGHTING MEASURES

**Extinguishing media** Please see Fire Fighting Equipment under Section 5.3.

**Special hazards arising from the substance or mixture**

**Hazardous combustion products :** None known.

**Explosion hazards** Not Determined

**Fire explosion** Not Determined

**Sensitive to static discharge** Not Determined

**Sensitivity to impact** Not Determined

**Advice for firefighters**



---

<b>Fire fighting procedures</b>	General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.
<b>Fire fighting equipment</b>	Water spray only.

---

### 6 - ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

<b>General procedures</b>	Refer to Section 8 for Personal Protective Equipment.
<b>Environmental precautions</b>	

<b>Water spill</b>	Do not allow to enter sewers or drains that may lead to waterways.
--------------------	--

#### Methods and material for containment and cleaning up

<b>Small spill</b>	Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.
--------------------	---

<b>Large spill</b>	After removal, flush contaminated area thoroughly with water.
--------------------	---

#### Reference to other sections

<b>Reference to other sections</b>	Not Applicable
------------------------------------	----------------

---

### 7 - HANDLING AND STORAGE

#### Precautions for safe handling

<b>Handling</b>	Use suitable protective equipment.
-----------------	------------------------------------

<b>Storage</b>	See product labeling.
----------------	-----------------------

#### Conditions for safe storage, including any incompatibilities

<b>Shelf life</b>	See product labeling
-------------------	----------------------

#### Specific end use(s)

<b>Specific end use(s)</b>	Professional Dental Hemostatic Solution
----------------------------	---

---

### 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control parameters:</b>	No information is available for the product.
----------------------------	--

#### Exposure controls

<b>Eye/face protection</b>	Wear eye protection
----------------------------	---------------------

<b>Skin protection</b>	Wear suitable protective clothing and gloves.
------------------------	---

<b>Respiratory protection</b>	Good general ventilation should be sufficient to control airborne levels.
-------------------------------	---

---

### 9 - PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties:

<b>Appearance</b>	Cord impregnated with liquid
-------------------	------------------------------

<b>Colour</b>	Colorless to slight yellow
---------------	----------------------------

<b>Odour</b>	Odorless or no characteristic odor
--------------	------------------------------------

#### Other informations:

<b>Percent volatile</b>	Not Determined
-------------------------	----------------

---

### 10 - STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable
--------------------	--------

<b>Chemical stability:</b>	Stable when stored and handled under recommended conditions.
----------------------------	--

<b>Possibility of hazardous reactions:</b>	None
--	------



**Conditions to avoid:** Not Determined  
**Incompatible materials:** Not Determined  
**Dangerous decomposition products:** None known.

### 11 - TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

**Acute:** Device is biocompatible when used as directed by dental professionals per ISO 13485

### 12 - ECOLOGICAL INFORMATION

#### Aquatic toxicity (acute)

**96-hour LC<sub>50</sub>** Not Determined

**48-hour EC<sub>50</sub>** Not Determined

**96-hour EC<sub>50</sub>** Not Determined

**Persistence and degradability :** Not Determined

**Bioaccumulative potential** Not Determined

**Mobility in soil** Not Determined

**Results of PBT and vPvB assessment** Not Determined

#### Other adverse effects

**Environmental data** Not defined

### 13 - DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal method** Dispose of in compliance with governmental regulation.  
(EC1975L0442-20/11/2003)

### 14 TRANSPORT INFORMATION

**DOT shipping name** Not-regulated

**DOT hazard class** Not-regulated

**UN number** N/A

**Sea transport IMDG/GGV sea class** N/A

**UN number** N/A

**MFGA number** N/A

**EmS number** N/A

**Air transport ICAO-Ti and** N/A

**IAT A-DGR class** Not-regulated

**UN number** N/A

### 15 - REGULATORY INFORMATION

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

**RoHS** Please refer to Medical Devices Directive 93/42/EEC

**Chemical Safety Assessment:** See Section 11

### 16 - OTHER INFORMATION

**Relevant R-phrases and/or H- statements (number and full text)**



R22: Harmful if swallowed.

R36/37/38: Irritating to eyes, respiratory system and skin. H290: May be corrosive to metals.

H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H413: May cause long lasting harmful effects to aquatic life.

### **Manufacturer disclaimer**

FOR DENTAL USE ONLY: Use as directed.

The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.