

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Doric Gingival Retraction Paste
Product Code: 0546
Application: Temporary retraction of gingival margins prior to impression taking

Company: Davis Schottlander & Davis Ltd
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2. HAZARD IDENTIFICATION**GHS classification**

Hazard Statements:
May be corrosive to metals.
Causes serious eye damage.

Label elements

Signal word: Warning
Pictograms: GHS05

**Hazard statements**

H290 May be corrosive to metals.
H318 Causes serious eye damage.

Precautionary statements

P406 Store in corrosive resistant container with a resistant inner liner.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Mixtures**

Chemical characterization
ALUMINUM CHLORIDE (in aqueous solution)

4. FIRST AID MEASURES**Description of first aid measures**

General information: Remove contaminated clothing immediately and dispose of safely.
After inhalation: Provide fresh air.

- After contact with skin:** Wash immediately with soap and plenty of water. In case of complaints consult a physician.
- 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

Extinguishing media

Suitable extinguishing media:

Material is not combustible.

Extinguishing media which must not be used for safety reasons:

Material is not combustible.

Special hazards arising from the substance or mixture:

Hazardous decomposition products: hydrochloric gas.

Advice for firefighters:

Material is not combustible.

6. ACCIDENTAL RELEASE MEASURES

Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

Reference to other sections

Treat the assimilated material according to the section on waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling:

Avoid contact with eyes.

Wear suitable gloves and eye/face protection.

Advice on protection against fire and explosion

Material is not combustible.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

Unsuitable materials for Container: metal.

Further information on storage conditions

Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure controls

Occupational exposure controls

Ensure adequate ventilation of the storage area.

Protective and hygiene measures

When using do not eat or drink.

Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

Eye protection

Tightly sealed safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	Green
Odour:	Characteristic

Test method

pH-Value (at 23 °C):	3
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Changes in the physical state

Melting point:	n.a.
Boiling point:	ca. 100 °C
Flash point:	n.a.
Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Water solubility (at 23 °C):	ca. 350 g/L

Solubility in other solvents

dispersible (Water.)

10. STABILITY AND REACTIVITY**Incompatible materials**

Do not mix with other chemicals.

Hazardous decomposition products

Hydrochloric gas.

Further information

None

11. TOXICOLOGY INFORMATION**Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No data available

Acute toxicity

No data available

Specific effects in experiment on an animal

Acute toxicity, oral LD50: Rat. ca. 3000 mg/kg

Irritation and corrosivity

Irritating to eyes, respiratory system and skin.

Sensitising effects

May cause sensitization by skin contact.

Severe effects after repeated or prolonged exposure

No data available

12. ECOLOGICAL INFORMATION**Persistence and degradability**

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****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.

Waste disposal number of contaminated packaging

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**Land transport (ADR/RID)**

UN number:	UN2581
UN proper shipping name:	ALUMINIUM CHLORIDE, SOLUTION
Transport hazard class(es):	8
Packing group:	III
Hazard label:	8
Classification code:	C1
Limited quantity:	5 L
Transport category:	3
Hazard No:	80
Tunnel restriction code:	E

Other applicable information (land transport)

E1

Marine transport

UN number:	UN2581
UN proper shipping name:	ALUMINIUM CHLORIDE, SOLUTION
Transport hazard class(es):	8
Packing group:	III
Hazard label:	8
Special Provisions:	223
Limited quantity:	5 L
EmS:	F-A, S-B

Other applicable information (marine transport)

E1

Air transport

SAFETY DATA SHEET

UN/ID number: UN2581

UN proper shipping name: ALUMINIUM CHLORIDE, SOLUTION

Transport hazard class(es): 8

Packing group: III

Hazard label: 8

Special Provisions: A3 A803

Limited quantity Passenger: 1 L

IATA-packing instructions - Passenger: 852

IATA-max. quantity - Passenger: 5 L

IATA-packing instructions - Cargo: 856

IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)

E1

: Y841

Environmental hazards

Dangerous for the environment: No

15. REGULATORY INFORMATION

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

National regulatory information.

16. FURTHER INFORMATION

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.