

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

1.1 Product Name:	Doric Gingival Retraction Paste				
Product Code:	0546				
Application:	Temporary retraction of gingival margins prior to impression taking				
1.2 Relevant identified uses of the substance or mixture and uses advised against;	none				
1.3 Company:	Davis Schottlander & Davis Ltd Fifth Avenue, Letchworth Garden City Herts SG6 2WD UK Tel: +44 (0)1462 480848 Fax: +44 (0)1462 482802 msds@schottlander.co.uk www.schottlander.com				
Revision/Review Date:	11.05.2021	V2.0	Previous Revision	30.06.2017	V1.0

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Indications of danger : Corrosive

R-phrases:

Risk of serious damage to eyes.

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

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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
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
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

Hazardous decomposition products: hydrochloric gas.

Further information

none / 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

Bio accumulative 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	
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

Full text of R-phrases referred to under sections 2 and 3
41 Risk of serious damage to eyes.

Full text of H-Statements referred to under sections 2 and 3
H290 May be corrosive to metals.
H318 Causes serious eye damage

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.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)