

Safety Data Sheet

according to Regulation (EC) No 1907/2006

DMG Retraction Paste

Print date: 20.04.2016

Product code: 7400

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

DMG Retraction Paste

Product group: Endprodukt

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name:	DMG Chemisch-Pharmazeutische Fabrik GmbH	
Street:	Elbgaustraße 248	
Place:	D-22547 Hamburg	
Telephone:	+49. (0) 40. 84006-0	Telefax: +49. (0) 40. 84006-222
e-mail:	info@dmg-dental.com	
Internet:	www.dmg-dental.com	

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

May be corrosive to metals.

Causes serious eye damage.

2.2. 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/doctor.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

ALUMINUM CHLORIDE (in aqueous solution) | CAS 7784-13-6 | 15 %

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SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated clothing immediately and dispose off safely.

After inhalation

Provide fresh air.

After contact with skin**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.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Material is not combustible.

Unsuitable extinguishing media

Material is not combustible.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products: hydrochloric gas.

5.3. Advice for firefighters

Material is not combustible.

SECTION 6: Accidental release measures**6.3. Methods and material for containment and cleaning up**

Remove mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

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

SECTION 7: Handling and storage**7.1. 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.

7.2. 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.

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters**8.2. Exposure controls****Appropriate engineering controls**

Ensure adequate ventilation of the storage area.

Protective and hygiene measures

When using do not eat or drink.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

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

SECTION 9: Physical and chemical properties**9.1. 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.

Initial boiling point and boiling range: 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.)

SECTION 10: Stability and reactivity**10.5. Incompatible materials**

Do not mix with other chemicals.

10.6. Hazardous decomposition products

Hazardous decomposition products: hydrochloric gas.

Further information

none / none

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No data available

Acute toxicity

No data available

Irritation and corrosivity

Irritating to eyes, respiratory system and skin.

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Sensitising effects

May cause sensitization by skin contact.

Severe effects after repeated or prolonged exposure

No data available

Specific effects in experiment on an animal

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

SECTION 12: Ecological information**12.2. Persistence and degradability**

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

SECTION 13: Disposal considerations**13.1. 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.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: UN2581
14.2. UN proper shipping name: ALUMINIUM CHLORIDE, SOLUTION
14.3. Transport hazard class(es): 8
14.4. Packing group: III
Hazard label: 8



Classification code: C1
Limited quantity: 5 L
Transport category: 3
Hazard No: 80
Tunnel restriction code: E

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Other applicable information (land transport)

E1

Marine transport (IMDG)

14.1. UN number: UN2581
14.2. UN proper shipping name: ALUMINIUM CHLORIDE, SOLUTION
14.3. Transport hazard class(es): 8
14.4. 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 (ICAO)

14.1. UN number: UN2581
14.2. UN proper shipping name: ALUMINIUM CHLORIDE, SOLUTION
14.3. Transport hazard class(es): 8
14.4. 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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information****SECTION 16: Other information****Relevant H- and EUH-phrases (Number and full text)**

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

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