

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Alpha-Silver (powder)

Print date: 13.06.2016

Product code: 4150

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

Alpha-Silver (powder)

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 Statements:
Causes serious eye damage.

2.2. Label elements

Signal word: Danger
Pictograms: GHS05

**Hazard statements**

H318 Causes serious eye damage.

Precautionary statements

P337+P313 If eye irritation persists: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

component	CAS	%
polyacrylic acid powder	n.a.	5 - 10

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

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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.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO₂).**Unsuitable extinguishing media**

High power water jet.

Additional information

Not combustible.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically.

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advice on safe handling**

Avoid contact with eyes. Provide adequate ventilation.

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.**Further information on storage conditions**

The following must be prevented: moisture.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**Additional advice on limit values**Do not breathe dust. MAK/MAC: 6 mg/m³ (dust); 0,01 mg/m³ (silver).**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation.

Protective and hygiene measures

When using do not eat or drink.

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Eye/face protection

Tightly sealed safety glasses.

Hand protection

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

Respiratory protection

The following must be prevented: inhalation.

Filter respirator (full mask or mouth-piece) with filter: P1

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Powder
Colour:	silver grey
Odour:	characteristic

pH-Value:

2

Test method**Changes in the physical state**

Initial boiling point and boiling range:

not applicable

point of decomposition:

> 200 °C

Flash point:

> 100 °C

Explosive properties

not applicable

Ignition temperature:

not applicable

Vapour pressure:

not applicable

(at 20 °C)

Water solubility:

100 g/L

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

heat.

Decomposition takes place from temperatures above: 200 °C

10.5. Incompatible materials

moisture.

10.6. Hazardous decomposition products

Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

LD50: Rat. 5000 mg/kg

Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye: Frequently or prolonged contact with skin may cause dermal irritation.

SECTION 12: Ecological information**12.1. Toxicity**

Preparation not tested.

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12.4. Mobility in soil

Preparation not tested.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

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.

SECTION 14: Transport information**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): - - not water contaminating

SECTION 16: Other information**Relevant H- and EUH-phrases (Number and full text)**

H318 Causes serious eye damage.

Further Information

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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.)