

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: Ceramill Liquid

Article-No.: 760470-760477

Revision date:

Version: /en

Print date: 29.04.2014



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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name **Ceramill Liquid**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Resources for dental technology

1.3 Details of the supplier of the safety data sheet

Company designation Amann Girschbach AG
Herrschaftswiesen 1
A-6842 Koblach
Telephone: 0043 5523 623330
FAX: 0043 5523 55990
Email: austria@amanngirschbach.com
Internet: www.amanngirschbach.com

Marketer Amann Girschbach GmbH
Duerrenweg 40
D-75177 Pforzheim
Telephone: 0049 7231 957100
FAX: 0049 7231 957129
Email: germany@amanngirschbach.com
Internet: www.amanngirschbach.com

E-mail (competent person) germany@amanngirschbach.com

1.4 Emergency telephone number

Emergency telephone number +49 (0) 7231 957100
Only available during office hours.

SECTION 2: Hazards identification

2.2 Label elements

R-phrase(s) R22: Harmful if swallowed.
R37/38: Irritating to respiratory system and skin.
R41: Risk of serious damage to eyes.

Hazard symbols

Xn



Xn: Harmful

S-phrase(s)

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39: Wear suitable gloves and eye/face protection.

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Hazardous component(s) to be indicated on label: Erbium (III) Chlorid, Eisen (III) Chlorid / Iron (III) chloride

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
De-ionisiertes Wasser	CAS No.: 7732-18-5		10.0 - 80.0
Erbium (III) Chlorid	CAS No.: 10138-41-7 EC-No.: EINECS 233-385-0		0.01 - 20.0
Eisen (III) Chlorid / Iron (III) chloride	CAS No.: 7705-08-0 EC-No.: EINECS 231-729-4		0.01 - 20.0

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	No special measures are required.
If inhaled	Provide fresh air. Seek medical attention if problems persist.
In case of skin contact	After contact with skin, wash immediately with plenty of water and soap.
In case of eye contact	In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.
If swallowed	Rinse mouth thoroughly with water. Seek medical attention if problems persist.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.
Extinguishing media which must not be used for safety reasons	None known until now.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	not required.
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6.2 Environmental precautions

Environmental precautions	No special measures are required.
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6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Wipe up with absorbent material (eg. cloth, fleece). Wash with plenty of water.
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6.5 Additional information

Other information	This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on protection against fire and explosion No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Keep container tightly closed.
Keep only in the original container.
Protect against direct sunlight.

Hints on storage assembly not required.

Recommended storage temperature at room temperature

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Respiratory protection not required.

Hand protection Wear suitable gloves.

Remarks: Please note that chemical-resistant gloves, due to a number of influential factors, may be used for a clearly shorter period of time. The users should evaluate the risk potential. With visible cracks or signs of wear and tear the gloves should be exchanged.

Eye protection Tightly sealed safety glasses.

General protective and hygiene measures Please comply with proper hygiene conditions.

Engineering measures ---

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state liquid

Colour yellow
orange

Odour odourless

pH at 20° C: 2

Boiling point [°C] This information is not available.

Flash point [°C] This information is not available.

Explosion limits [Vol-%]

Lower limit: This information is not available.

Upper limit: This information is not available.

Vapour pressure [kPa] This information is not available.

Density [g/cm³] This information is not available.

Water solubility [g/l] easily soluble.

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9.2 Other information

Freezing point [°C]	This information is not available.
Ignition temperature [°C]	This information is not available.
Miscibility with water	This information is not available.

SECTION 10: Stability and reactivity

10.3 Possibility of hazardous reactions

Hazardous reactions	None known until now.
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10.4 Conditions to avoid

Conditions to avoid	None known until now.
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10.6 Hazardous decomposition products

Hazardous decomposition products	None known until now.
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]	No data available
Dermal toxicity [mg/kg]	No data available
Inhalative toxicity [mg/l]	No data available
Irritant effect on skin	mild irritant.
Irritant effect on eyes	Irritation
Sensitization	None known until now.

11.2 Additional information

Other information (chapter 11.)	No evidence of harmful effects from available information if used properly.
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SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l]	No data available
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12.6 Other adverse effects

Further information on ecology	No data available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations	Dispose of waste according to applicable legislation.
Waste Code	06 03 99 wastes not otherwise specified
Uncleaned empty packaging	Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.8 Additional information

Other information (chapter 14.)	No dangerous good in sense of these transport regulations.
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SECTION 15: Regulatory information

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

Additional regulations	RL 2006/8/EG
	RL 2006/121/EG
	REACH-VO (EG) 1907/2006

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.